

# MEMORANDUM

MIAMI-DADE  
COUNTY

Date: October 2, 2007

To: Honorable Chairman Bruno A. Barreiro  
and Members, Board of County Commissioners

From: George M. Briggs  
County Manager

Agenda Item No. 8(R)3C

Subject: Contract award recommendation for Design of Upgrades to Miami-Dade Water and Sewer Department's Hialeah Water Treatment Plant, Pipelines, Wellfields, Re-Pumping Facilities, Remote Storage and Appurtenant Facilities - Project No: E06-WASD-04; Contract No: E06-WASD-04

## Recommendation

This recommendation for award for Contract No. E06-WASD-04 between Metcalf & Eddy, Inc., and Miami-Dade County has been prepared by the Miami-Dade Water and Sewer Department (MDWASD) and is recommended for approval. The Consultant is to provide engineering and construction management services to upgrade the infrastructure and operations of MDWASD's drinking water treatment plant.

## Scope

**PROJECT NAME:** Design of Upgrades to MDWASD's Hialeah Water Treatment Plant, Pipelines, Wellfields, Re-Pumping Facilities, Remote Storage and Appurtenant Facilities

**PROJECT NO:** E06-WASD-04

**CONTRACT NO:** E06-WASD-04

**PROJECT DESCRIPTION:** The Consultant, Metcalf & Eddy, Inc. is to provide engineering and construction management services to upgrade the infrastructure and operations of MDWASD's Hialeah Water Treatment Plant, its associated pipelines, wellfields, re-pumping facilities, remote storage and appurtenant facilities.

The scope of services include engineering design services for plant upgrade and expansion projects as well as renewal and replacement (R&R) projects for the plant's existing facilities. R & R services include evaluation of existing equipment condition, capacity and useful life expectancy as well as preparation of a prioritized rehabilitation or replacement schedule.

In addition, design services include, but are not limited to, performing preliminary site investigations, survey, geotechnical work, hydraulic modeling and analysis, coordination with other utilities, preparation of design reports, and preparation of drawings and contract specifications for civil and hydro-geological services, structural, mechanical and electrical projects. Services during the permitting and procurement phases include obtaining dry-run permits to produce a final design, participation in obtaining final environmental and building permits, and providing assistance during the bidding and negotiation of the upgrades. Construction related services are required to provide technical support during construction on an as-needed basis. Technical support during construction is anticipated to include such tasks as site inspections and attendance at meetings, review of shop drawings, processing pay estimates responding to information requests, review of claims and potential change orders, review of contract

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CMO-CAPITAL  
IMPROVEMENTS

schedules and schedule of values, and as-built drawings. Project coordination services are anticipated to include establishing a plan to implement projects, establish and track project schedules, budgets and deadlines, prepare status reports and attend meetings as requested.

Additional tasks include:

- Evaluation and formulation of plans for improving or optimizing the treatment processes including designing and conducting pilot studies and providing construction cost and operation and maintenance estimates.
- Perform studies and provide recommendations related to improving plant operations and efficiency including safety, staffing, energy conservation, security, residuals management, corrosion control and asset management issues. This includes onsite training for MDWASD personnel on an as-needed basis, preparation of operation and maintenance manuals and operational practices manuals. The services shall also include on-site working personnel.
- Provide services for evaluation of regulatory requirements including preparation of compliance documents and reports.
- Provide technical support and assistance for computer system data integration with the programs and systems currently utilized. Provide assistance in selecting and procuring software and hardware enhancements.
- Provide other engineering services related to the upgrades at the water treatment plants as required, such as, participation on a Miami-Dade County Technical Advisory Committee.

**PROJECT LOCATION:** Hialeah Water Treatment Plant - 1100 West 2 Avenue, Hialeah, FL

**PRIMARY COMMISSION DISTRICT:** District 6                      Rebeca Sosa

**APPROVAL PATH:** Board of County Commissioners

**OCI A&E PROJECT NUMBER:** E06-WASD-04

**USING DEPARTMENT:** Miami-Dade Water and Sewer Department

**MANAGING DEPARTMENT:** Miami-Dade Water and Sewer Department

**Fiscal Impact / Funding Source**

**FUNDING SOURCE:** **SOURCE**  
Water Renewal and Replacement Fund, WASD Revenue Bonds Sold, and Future WASD Revenue Bonds Sold

**PTP FUNDING:** No

**GOB FUNDING:** No

<b>CAPITAL BUDGET PROJECTS:</b>	<b><u>BUDGET PROJECT / DESCRIPTION</u></b>	<b><u>AWARD ESTIMATE</u></b>
	9650041-WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS	\$4,800,000.00
	Book Page: 323      Funding Year: FY 2006-2007 Prior Years	

Funding

9650161-WATER TREATMENT PLANTS REPLACEMENT AND \$4,000,000.00  
RENOVATIONS

Book Page: 324 Funding Year: FY 2006-2007 Prior Years  
Funding

Project Totals: \$8,800,000.00

**PROJECT TECHNICAL  
CERTIFICATION  
REQUIREMENTS:**

**TYPE CODE DESCRIPTION**

Prime 6.03 WATER AND SANITARY SEWER SYSTEMS -  
WATER AND SANITARY SEWAGE TREATMENT  
PLANTS

Prime 11.00 GENERAL STRUCTURAL ENGINEERING

Prime 12.00 GENERAL MECHANICAL ENGINEERING

Prime 13.00 GENERAL ELECTRICAL ENGINEERING

Prime 16.00 GENERAL CIVIL ENGINEERING

Prime 17.00 ENGINEERING CONSTRUCTION MANAGEMENT

Other 6.01 WATER AND SANITARY SEWER SYSTEMS -  
WATER DISTRIBUTION AND SANITARY  
SEWAGE COLLECTION AND TRANSMISSION  
SYSTEMS

Other 6.02 WATER AND SANITARY SEWER SYSTEMS -  
MAJOR WATER AND SANITARY SEWAGE  
PUMPING FACILITIES

Other 9.02 SOILS, FOUNDATIONS AND MATERIALS  
TESTING - GEOTECHNICAL AND MATERIALS  
ENGINEERING SERVICES

Other 10.09 ENVIRONMENTAL ENGINEERING - WELLFIELD,  
GROUNDWATER, AND SURFACE WATER  
PROTECTION AND MANAGEMENT

Other 15.01 SURVEYING AND MAPPING - LAND SURVEYING

**NTPC'S DOWNLOADED:** 113

**PROPOSALS RECEIVED:** 8

**CONTRACT PERIOD:** 2190 Calendar Days; Six (6) Years: Design  
services for various projects including  
permitting 3 years; construction bid 1 year;  
and construction management 2 years.

**CONTINGENCY PERIOD:** 219

**IG FEE INCLUDED IN BASE CONTRACT:** Yes

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<b>ART IN PUBLIC PLACES:</b>	No								
<b>BASE ESTIMATE:</b>	\$8,000,000.00								
<b>BASE CONTRACT AMOUNT:</b>	\$8,000,000.00								
<b>CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):</b>	<table> <tr> <th>TYPE</th> <th>PERCENT</th> <th>AMOUNT</th> <th>COMMENT</th> </tr> <tr> <td>PSA</td> <td>10%</td> <td>\$800,000.00</td> <td></td> </tr> </table>	TYPE	PERCENT	AMOUNT	COMMENT	PSA	10%	\$800,000.00	
TYPE	PERCENT	AMOUNT	COMMENT						
PSA	10%	\$800,000.00							
<b>TOTAL DEDICATED ALLOWANCE:</b>	\$0.00								
<b>TOTAL AMOUNT:</b>	\$8,800,000.00								

### Track Record / Monitor

#### EXPLANATION

On February 7, 2007, MDWASD Projects E06-WASD-04, E06-WASD-11 and E06-WASD-15 were advertised as a group with other MDWASD Projects grouped separately, making for a total of 10 projects. The advertisement stated that firms were to submit one proposal per group and the prime consultant selected for a particular project would be ineligible for any of the remaining projects.

The Competitive Selection Committee met April 23, 2007 and ranked Metcalf & Eddy, Inc. second of the eight proposals submitted for this project. Camp Dresser & McKee, Inc. was ranked first of the aforementioned proposals and was recommended for award for Project No. E06-WASD-15. Metcalf & Eddy, Inc., the next highest ranked firm was selected for Project E06-WASD-04. URS Corporation Southern was recommended for award for Project No. E06-WASD-11. The Competitive Selection Committee waived the 2nd Tier meeting.

The Negotiation Committee was approved May 30, 2007. On June 14, 2007 the Negotiation Committee held its first meeting with Metcalf & Eddy, Inc., and concluded its negotiations on July 20, 2007. This is the recommendation to award the contract to Metcalf & Eddy, Inc.

Based on the Office of Capital Improvements CIIS database, the County has completed one (1) evaluation for Metcalf & Eddy, Inc. with an overall performance of 3.3 points out of a total of 4 points.

<b>SUBMITTAL DATE:</b>	3/23/2007
<b>ESTIMATED NOTICE TO PROCEED:</b>	11/30/2007
<b>PRIME CONSULTANT:</b>	Metcalf & Eddy, Inc.
<b>COMPANY PRINCIPAL:</b>	Alejandro Toro, P.E.
<b>COMPANY QUALIFIERS:</b>	Alejandro Toro, P.E.
<b>COMPANY EMAIL ADDRESS:</b>	Alejandro.Toro@m-e.aecom.com
<b>COMPANY STREET ADDRESS:</b>	13450 West Sunrise Boulevard, Suite 200

**COMPANY CITY-STATE-  
ZIP:**

Sunrise, FL 33323

**YEARS IN BUSINESS:**

100

**PREVIOUS CONTRACTS  
WITH COUNTY IN THE  
LAST FIVE YEARS:**

Metcalf & Eddy, Inc. has received eight (8) contracts from various Miami-Dade County departments for a total dollar value of \$104,000,000.

**SUBCONSULTANTS:**

A.D.A. Engineering, Inc; Ford Engineers, Inc; Fraga Engineers; Cardozo Engineering, Inc; Leiter, Perez & Associates, Inc; Geosol, Inc; Nifah and Partners Consulting Engineers, Inc; Planning and Economics Group, Inc; Water Resources Solutions, A Division of Entrix, Inc; Woolpert, Inc; H.J. Ross Associates, Inc; and Boxer Environmental, Inc.

**MINIMUM QUALIFICATIONS  
EXCEED LEGAL  
REQUIREMENTS:**

No

**REVIEW COMMITTEE:**

**MEETING DATE:** 11/29/2006 **SIGNOFF DATE:** 12/13/2006

**RESPONSIBLE WAGES:**

No

**REVIEW COMMITTEE  
ASSIGNED CONTRACT  
MEASURES:**

**MEASURE GOAL**

**COMMENT**

CBE 35.00% CBE

CWF 0.00% Not Applicable

**MANDATORY CLEARING  
HOUSE:**

No

**CONTRACT MANAGER  
NAME/PHONE/EMAIL:**

Ralph Terrero

786-552-8112

TERRERO@miamidade.gov

**PROJECT MANAGER  
NAME/PHONE/EMAIL:**

Patty David

786-552-8040

pattyd@miamidade.gov

## **Background**

### **BACKGROUND:**

MDWASD requires the services of Metcalf & Eddy, Inc. to obtain comprehensive engineering services needed to evaluate, rehabilitate, and upgrade the infrastructure and operations at the Hialeah Water Treatment Plant, its associated pipelines, wellfields, re-pumping facilities, remote storage and appurtenant facilities and to provide construction management services.

Metcalf & Eddy, Inc. services are needed to provide a complete evaluation for improving the treatment processes, operations, and efficiencies, including safety, energy conservation, security, biosolids management, corrosion control and assessment management. Additionally, to provide a complete evaluation of regulatory requirements.

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BUDGET APPROVAL  
FUNDS AVAILABLE:

*Feb 21*  
  
OSBM DIRECTOR

*8-29-07*  
DATE

*JS*

APPROVED AS TO  
LEGAL SUFFICIENCY:

  
COUNTY ATTORNEY

*8-7-07*  
DATE

CAPITAL  
IMPROVEMENTS  
CONCURRENCE:

*for*   
OCI DIRECTOR

*8/30/07*  
DATE

  
ASSISTANT COUNTY  
MANAGER

*8-30-07*  
DATE

CLERK DATE

\_\_\_\_\_  
DATE

*6*

**Contract to Award Recommendation**  
**Design of Upgrades for the Hialeah Water Treatment Plant,**  
**Pipelines, Wellfields, Re-Pumping Facilities, Remote Storage**  
**and it's Appurtenant Facilities**  
**METCALF & EDDY, INC.**  
**Project No. E06-WASD-04**

**BUDGET PROJECT AND  
DESCRIPTION:**

9650041 – Water Treatment Plant Hialeah/Preston  
Improvements  
9650161 – Water Treatment Plants Replacement and  
Renovations

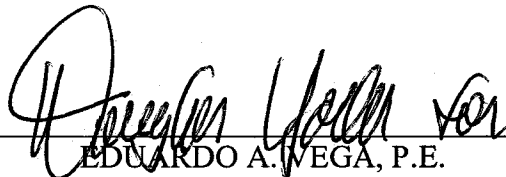
**FUNDING SOURCE:**

Water Renewal and Replacement Fund, WASD Revenue  
Bonds Sold, and Future WASD Revenue Bonds Sold


**INDEX CODES:**

EW221 and EW244

**ASSISTANT DIRECTOR,  
ENGINEERING:**

 8/7/07  
\_\_\_\_\_  
EDUARDO A. VEGA, P.E. DATE

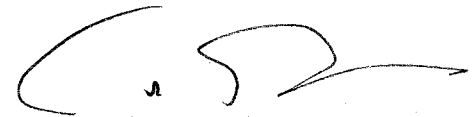
**DEPT. BUDGET OFFICER**

 8/3/07  
\_\_\_\_\_  
PEDRO VELAR DATE

**ASSISTANT DIRECTOR,  
FINANCE**

 8/3/07  
\_\_\_\_\_  
DIANE CAMACHO DATE

**DEPUTY DIRECTOR,  
OPERATIONS**

 8/7/07  
\_\_\_\_\_  
JOSEPH A. RUIZ, JR. DATE

# Memorandum



**Date:** May 10, 2007

**To:** Roger Hemstadt, Director  
Office of Capital Improvements

**From:** Penelope Townsley, Interim Director  
Small Business Affairs, Department of Procurement Management

**Subject:** CBE Compliance Review  
Project No. E06-WASD-04  
Design of Upgrades to the Hialeah Water Plant, Pipelines, Wellfields, Re-pumping Facilities, Remote Storage and Appurtenant Water Facilities

The Small Business Affairs, Department of Procurement Management (SBA/DPM), formerly DBD, has completed its review of the above-referenced project for compliance with the Community Business Enterprise (CBE-A/E) Program for Architectural and Engineering Services. The contract measure established for this project is a 35% CBE sub-consultant goal.

The Construction Contracts Section of the Miami-Dade Office of Capital Improvements has submitted proposals from Camp, Dresser & McKee, Inc. (#1), CH2M Hill, Inc. (#4), Carollo Engineers, A Professional Corporation (#5), Earth Tech Consulting, Inc. (#6), URS Corporation Southern (#7), and Metcalf & Eddy, Inc. (#8) for compliance review.

Camp, Dresser & McKee, Inc. (#1) submitted the required Schedule of Participation that listed CBE sub-consultants Fraga Engineers to perform General Mechanical Engineering, General Electrical Engineering, and Engineering Construction Management at 7.5%, San Martin Associates, Inc. to perform General Structural Engineering and Engineering Construction Management at 3.5%, A & P Consulting Transportation Engineers Corporation to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, General Electrical Engineering, General Civil Engineering, and Engineering Construction Management at 13%, P(3)SM, LLC to perform Surveying & Mapping-Land Surveying at 2%, Sanchez-Zeinali & Associates, Inc. to perform General Structural Engineering, General Civil Engineering, and Engineering Construction Management at 7%, and HP Consultants, Inc. to perform Geotechnical and Materials Engineering Services also at 2%. The Letters of Intent submitted were in agreement with the Schedule of Participation. Camp, Dresser & McKee, Inc. is in compliance with the CBE Participation Provisions.

CH2M Hill, Inc. (#4) submitted the required Schedule of Participation that listed CBE sub-consultants Milian, Swain & Associates, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, General Civil Engineering, and Engineering Construction Management at 15%, Cardozo Engineering, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, General Civil Engineering, and Engineering Construction Management at 7.5%, Vital Engineering, Inc. to perform General Mechanical Engineering and General Electrical Engineering at 3%, Nadic Engineering Services, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water &



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Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, Geotechnical and Materials Engineering Services, General Civil Engineering, and Engineering Construction Management at 2%, and CES Consultants, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, Geotechnical and Materials Engineering Services, General Structural Engineering, General Civil Engineering, and Engineering Construction Management at 7.5%. The Letters of Intent submitted were in agreement with the Schedule of Participation. CH2M Hill, Inc. is in compliance with the CBE Participation Provisions.

Carollo Engineers, A Professional Corporation (#5) submitted the required Schedule of Participation that listed CBE sub-consultants CES Consultants, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, Geotechnical and Materials Engineering Services, General Structural Engineering, General Civil Engineering, and Engineering Construction Management at 28%, Nadic Engineering Services, Inc. to perform Geotechnical and Materials Engineering Services, General Civil Engineering, and Engineering Construction Management at 6%, and Weidener Surveying & Mapping, P.A. to perform Surveying and Mapping-Land Surveying at 1%. The Letters of Intent submitted were in agreement with the Schedule of Participation. Carollo Engineers, A Professional Corporation is in compliance with the CBE Participation Provisions.

Earth Tech Consulting, Inc. (#3) submitted the required Schedule of Participation that listed CBE sub-consultants BND Engineers, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, General Civil Engineering, and Engineering Construction Management at 10%, Cardozo Engineering, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, General Civil Engineering, and Engineering Construction Management at 5%, Geosol, Inc. to perform Geotechnical and Materials Engineering Services also at 2%, Milian, Swain & Associates, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, General Civil Engineering, and Engineering Construction Management at 8%, Robayna and Associates, Inc. to perform Surveying and Mapping-Land Surveying and General Civil Engineering at 2%. The Schedule of Participation also listed Straight Line Engineering, Inc., a Non-CBE (at the time of proposal submittal), to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection and General Civil Engineering at 8%. Earth Consulting, Inc. is not in compliance with the CBE Participation Provisions, as a result of the 8% deficit towards meeting the required 35% CBE goal. The CBE Participation Provisions, Section B.2.a.iii., states: "Respondents who submit a defective Schedule of Participation may be voidable. Examples of defects include, but are not limited to incomplete Schedules, the listing of an unidentifiable CBE-A/E, and percentage miscalculations that are not mere clerical errors apparent on the face of the

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Schedule." Additionally, Section E.2. of the same Provisions also states: "The purpose of a subconsultant goal is to have portions of the work under the prime consultant performed by available subconsultants that are certified CBE-A/Es for agreement values totaling not less than the percentage of the prime agreement value set out in the proposal." An Investigatory Hearing was held on Monday May 7, 2007 by Small Business Affairs (SBA), Department of Procurement Management to address the firm's non-compliance. Earth Tech Consulting, Inc. is not in compliance with the CBE Participation Provisions.

URS Corporation Southern (#7) submitted the required Schedule of Participation that listed CBE subconsultants Vital Engineering, Inc. to perform General Electrical Engineering at 3%, A.D.A. Engineering, Inc. to perform General Structural Engineering, General Mechanical Engineering, General Electrical Engineering, General Civil Engineering, and Engineering Construction Management at 25%, Youssef Hachem Consulting Engineering to perform General Structural Engineering at 2%, and Cherokee Enterprises, Inc. to perform General Mechanical Engineering and Engineering Construction Management at 5%. The Letters of Intent submitted were in agreement with the Schedule of Participation. URS Corporation Southern is in compliance with the CBE Participation Provisions.

Metcalf & Eddy, Inc. (#8) submitted the required Schedule of Participation that listed CBE subconsultants A.D.A. Engineering, Inc. to perform W & S Sewer Systems-W & S Sewage Treatment Plants and Engineering Construction Management at 7%, Leiter Perez & Associates, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, Surveying and Mapping-Land Surveying, and General Civil Engineering at 5%, Planning and Economics Group, Inc. to perform Value Analysis/Life-Cycle Costing-Port and Waterway, Value Analysis/Life-Cycle Costing-General Structural Engineering, and Value Analysis/Life-Cycle Costing-General Electrical Engineering at 1%, Fraga Engineers, Inc. to perform General Mechanical Engineering and General Electrical Engineering at 2%, Geosol, Inc. to perform Geotechnical and Materials Engineering Services also at 2%, Ford Engineers, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, and General Civil Engineering at 4%, Nifah and Partners Consulting Engineers, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, General Structural Engineering, and General Civil Engineering at 7%, and Cardozo Engineering, Inc. to perform W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, and Engineering Construction Management at 8%. The Letters of Intent submitted for A.D.A. Engineering, Leiter Perez, Planning and Economics, Fraga Engineers, Geosol, and Nifah and Partners were in agreement with the Schedule of Participation. However, the other Letters of Intent submitted listed W & S Sewer Systems-Major Water & Sewer Pumping Facility and General Civil Engineering for Ford Engineers and W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants, General Civil Engineering, and Engineering Construction Management for Nifah and Partners. The information listed on the Schedule of Participation and the Letter of Intent

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should be the same. In a clarification letter to Small Business Affairs, Department of Procurement Management, Metcalf & Eddy confirmed that Ford Engineers will perform W & S Sewer Systems-Major Water & Sewer Pumping Facility and General Civil Engineering and Cardozo Engineering will perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facility, W & S Sewer Systems-W & S Sewage Treatment Plants and Engineering Construction Management. Metcalf & Eddy, Inc. is in compliance with the CBE Participation Provisions.

Please note that SBA/DPM staff only reviewed and addressed compliance with the CBE-A/E program. The Construction Contracts Section of the Miami-Dade Office of Capital Improvements is responsible for any other issues that may exist.

Should you have any questions or need any additional information, please do not hesitate to contact Vivian O. Walters, Jr. at (305) 375-3138.

cc: Miriam Singer, DPM  
Luisa Millan-Donovan, OCI  
Jeboria Stanley, SBA/DPM  
File



Dept. of Business Development  
Project Worksheet

Project/Contract Title: DESIGN OF UPGRADES TO MIAMI-DADE WATER AND SEWER DEPARTMENT'S WATER TREATMENT PLANTS (SIC 871)  
Project/Contract No: E06-WASD-04  
Department: WATER & SEWER DEPARTMENT  
Estimated Cost of Project/Bid: \$8,000,000.00  
Description of Project/Bid: TO ESTABLISH A CONTRACT TO EMPLOY AN ENGINEERING FIRM TO PROVIDE ENGINEERING AND CONSTRUCTION MANAGEMENT SERVICES. THE DESIGN SERVICES MAY INCLUDE, BUT NOT BE LIMITED TO SUCH TASK AS PERFORMING PRELIMINARY SITE INVESTIGATIONS, SURVEY, GEOTECHNICAL WORK, HYDRAULIC MODELING AND ANALYSIS, COORDINATION WITH OTHER UTILITIES, PREPARATION OF DESIGN REPORTS, DRAWINGS AND CONTRACT SPECIFICATIONS FOR STRUCTURAL, MECHANICAL, AND ELECTRICAL PROJECTS.

RC Date: 11/29/2006  
Item No: 1-05  
Funding Source: WATER RENEWAL & WASD REVENUE B  
Resubmittal Date(s):

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	CBE	35.00%

Reasons for Recommendation

This project meets all the criteria set forth in A.O. 3-32, Section V

The Professional Services Agreement will be for a six (6) year period; Funding Sources: Water Renewal & Replacement Funds and Future WASD Revenue Bonds

SIC 871 - Architectural and Engineering Services

Analysis for Recommendation of a Goal

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
W & S SEWER SYS-WATER DIST & SANITARY SEWAGE COLL	CBE	\$240,000.00	3.00%	47
W & S SEWER SYS-W & S SEWAGE TREATMENT PLANT	CBE	\$800,000.00	10.00%	13
GENERAL ELECTRICAL ENGINEERING	CBE	\$400,000.00	5.00%	25
SURVEYING AND MAPPING-LAND SURVEYING	CBE	\$160,000.00	2.00%	11
GENERAL CIVIL ENGINEERING	CBE	\$400,000.00	5.00%	55
ENGINEERING CONSTRUCTION MANAGEMENT	CBE	\$640,000.00	8.00%	73
GEOTECHNICAL & MATERIALS ENGINEERING SERVICES	CBE	\$160,000.00	2.00%	7
Total		\$2,800,000.00	35.00%	

Living Wages: YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒

Ordinance 90-143 is applicable to all construction projects over \$100,000 that do not utilize Federal Funds

REVIEW COMMITTEE RECOMMENDATION

Tier 1 Set Aside \_\_\_\_\_

Set Aside \_\_\_\_\_ Level 1 \_\_\_\_\_ Level 2 \_\_\_\_\_ Level 3 \_\_\_\_\_

Trade Set Aside (MCC) \_\_\_\_\_ Goal 35% Bid Preference \_\_\_\_\_

No Measure \_\_\_\_\_ Deferred \_\_\_\_\_ Selection Factor \_\_\_\_\_

Chairperson, Review Committee

Date

County Manager

Date

FY 2006-2007

STRATEGIC AREA: Neighborhood and Unincorporated Area Municipal Services  
DEPARTMENT: Water and Sewer

\*\*\*\*\* FUNDED PROJECTS \*\*\*\*\*  
(dollars in thousands)

**WATER TREATMENT PLANT - FLORIDAN AQUIFER**

PROJECT # 966620

DESCRIPTION: Construct a 4.5 MGD Reverse Osmosis Treatment Plant using Floridan Aquifer to serve the City of Hialeah's service areas.

LOCATION: Hialeah  
Hialeah

DISTRICT LOCATED: 13  
DISTRICT(s) SERVED: 13

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

REVENUE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Water Connection Charges	29,115	4,000	3,006	1,794	1,265	820	0	0	40,000
Building Better Communities GOB Program	5,000	0	0	3,900	1,100	0	0	0	10,000

<b>TOTAL REVENUE:</b>	<b>34,115</b>	<b>4,000</b>	<b>3,006</b>	<b>5,694</b>	<b>2,365</b>	<b>820</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
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EXPENDITURE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Planning and Design	0	5,600	0	0	0	0	0	0	5,600
Construction	0	0	22,300	17,800	3,480	820	0	0	44,400

<b>TOTAL EXPENDITURES:</b>	<b>0</b>	<b>5,600</b>	<b>22,300</b>	<b>17,800</b>	<b>3,480</b>	<b>820</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
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\* **WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS**

PROJECT # 9650041

DESCRIPTION: Improve filters; construct a new pump station east of the reservoir and outside the transmission loop; construct a five-mega-gallon new elevated remote storage, new laboratory, and filter backwash water tank; and install two emergency generators and chlorine conversions

LOCATION: 700 W 2 Ave and 1100 W 2 Ave  
Hialeah

DISTRICT LOCATED: 6  
DISTRICT(s) SERVED: Systemwide

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

REVENUE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Water Connection Charges	29	0	158	946	917	519	242	0	2,811
WASD Revenue Bonds Sold	5,663	0	0	0	0	0	0	0	5,663
Future WASD Revenue Bonds	0	0	0	14,250	0	0	45,882	0	60,132

<b>TOTAL REVENUE:</b>	<b>5,692</b>	<b>0</b>	<b>158</b>	<b>15,196</b>	<b>917</b>	<b>519</b>	<b>46,124</b>	<b>0</b>	<b>68,606</b>
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EXPENDITURE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Planning and Design	34	141	357	518	507	489	1,159	3,038	6,243
Construction	342	1,409	3,567	5,178	5,060	4,880	11,578	30,349	62,363

<b>TOTAL EXPENDITURES:</b>	<b>376</b>	<b>1,550</b>	<b>3,924</b>	<b>5,696</b>	<b>5,567</b>	<b>5,369</b>	<b>12,737</b>	<b>33,387</b>	<b>68,606</b>
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STRATEGIC AREA: Neighborhood and Unincorporated Area Municipal Services  
 DEPARTMENT: Water and Sewer

\*\*\*\*\* FUNDED PROJECTS \*\*\*\*\*  
 (dollars in thousands)

**WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES**

PROJECT # 9610960

DESCRIPTION: Upgrade water treatment plants to meet regulatory requirements

LOCATION: Water Treatment Plants  
 Systemwide

DISTRICT LOCATED: Systemwide  
 DISTRICT(s) SERVED: Systemwide

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

REVENUE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
WASD Revenue Bonds Sold	5,500	0	0	0	0	0	0	0	5,500
<b>TOTAL REVENUE:</b>	<b>5,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,500</b>
EXPENDITURE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Planning and Design	91	228	182	0	0	0	0	0	501
Construction	909	2,272	1,818	0	0	0	0	0	4,999
<b>TOTAL EXPENDITURES:</b>	<b>1,000</b>	<b>2,500</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,500</b>

**WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS**

PROJECT # 9650161

DESCRIPTION: Renovate and replace water treatment plant facilities and structures within plant sites

LOCATION: Water Treatment Plants  
 Systemwide

DISTRICT LOCATED: Systemwide  
 DISTRICT(s) SERVED: Systemwide

ESTIMATED ANNUAL OPERATING IMPACT: Minimal

REVENUE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Water Renewal and Replacement Fund	18,089	2,627	7,431	11,636	11,136	11,131	10,136	10,142	82,328
<b>TOTAL REVENUE:</b>	<b>18,089</b>	<b>2,627</b>	<b>7,431</b>	<b>11,636</b>	<b>11,136</b>	<b>11,131</b>	<b>10,136</b>	<b>10,142</b>	<b>82,328</b>
EXPENDITURE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL
Planning and Design	722	740	1,059	1,059	1,008	968	968	968	7,492
Construction	7,207	7,396	10,577	10,577	10,073	9,668	9,669	9,669	74,836
<b>TOTAL EXPENDITURES:</b>	<b>7,929</b>	<b>8,136</b>	<b>11,636</b>	<b>11,636</b>	<b>11,081</b>	<b>10,636</b>	<b>10,637</b>	<b>10,637</b>	<b>82,328</b>

**BUDGET PROJECT 9650041**

Project Title: 9650041-WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS

Project Desc: Improve filters, construct pump station east of reservoir and elevated remote storage, convert to polymer system, install emergency generators, and outside transmission loop

Project \$\$	<u>Start:</u>	<u>End:</u>	<u>Prior:</u>	<u>06-07:</u>	<u>07-08:</u>	<u>08-09:</u>	<u>09-10:</u>	<u>Total:</u>
(\$\$ in 000's)	10/1/2001	9/30/2014	376	1,550	3,924	5,696	5,567	68,606

Project Type: Capital

**CDPWeb Project Milestones (\$ IN 000'S)**

<u>Milestone:</u>	<u>Start:</u>	<u>End:</u>	<u>Prior:</u>	<u>06-07:</u>	<u>07-08:</u>	<u>08-09:</u>	<u>09-10:</u>	<u>Total:</u>
Planning/Design	N/A	N/A	34	141	357	518	507	6,243
Construction	N/A	N/A	342	1,409	3,567	5,178	5,060	62,363

**CDPWeb Project Revenue (\$ IN 000'S)**

<u>Revenue:</u>	<u>Start:</u>	<u>End:</u>	<u>Prior:</u>	<u>06-07:</u>	<u>07-08:</u>	<u>08-09:</u>	<u>09-10:</u>	<u>Total:</u>
Water Connection Char	N/A	N/A	29	0	158	946	917	2,811

EXIT

**Current Contracts for Project 9650041**

<u>Dept</u>	<u>ContractNo</u>	<u>Contract Name</u>	<u>RTA Budget Allocation</u>	<u>Award Budget Allocation</u>	<u>CIIS Award</u>
WS	<u>E06-WASD-04</u>	Design of Upgrades to MDWASD's	\$0.00	\$4,800,000.00	\$0.00
WS	<u>E06-WASD-04</u>	Design of Upgrades to MDWASD's	\$4,800,000.00	\$0.00	\$0.00
WS	<u>E06-WASD-11</u>	Design of Upgrades to MDWASD's	\$4,000,000.00	\$0.00	\$8,000,000.00
WS	<u>E06-WASD-11</u>	Design of Upgrades to MDWASD's	\$0.00	\$4,000,000.00	\$8,000,000.00
WS	<u>W-888</u>	John E. Preston Water Treatmen	\$0.00	\$2,000,000.00	\$2,515,757.00
WS	<u>W-888</u>	John E. Preston Water Treatmen	\$2,000,000.00	\$0.00	\$2,515,757.00

Total Allocated: \$10,800,000.00 \$10,800,000.00

**Current Sites for Project 9650041**

<u>Site</u>	<u>Location</u>
68594	700 W 2 Ave and 1100 W 2 Ave

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**BUDGET PROJECT 9650161**

Project Title: 9650161-WATER TREATMENT PLANTS - REPLACEMENT AND RENOVATIONS

Project Desc: Renovate and replace water treatment plant facilities and structures within plant sites

Project \$\$	<u>Start:</u>	<u>End:</u>	<u>Prior:</u>	<u>06-07:</u>	<u>07-08:</u>	<u>08-09:</u>	<u>09-10:</u>	<u>Total:</u>
(\$\$ in 000's)	10/1/2001	9/30/2011	7,929	8,136	11,636	11,636	11,081	82,328

Project Type: Capital

**CDPWeb Project Milestones (\$ IN 000'S)**

<u>Milestone:</u>	<u>Start:</u>	<u>End:</u>	<u>Prior:</u>	<u>06-07:</u>	<u>07-08:</u>	<u>08-09:</u>	<u>09-10:</u>	<u>Total:</u>
Planning/Design	N/A	N/A	722	740	1,059	1,059	1,008	7,492
Construction	N/A	N/A	7,207	7,396	10,577	10,577	10,073	74,836

**CDPWeb Project Revenue (\$ IN 000'S)**

<u>Revenue:</u>	<u>Start:</u>	<u>End:</u>	<u>Prior:</u>	<u>06-07:</u>	<u>07-08:</u>	<u>08-09:</u>	<u>09-10:</u>	<u>Total:</u>
Water Renewal and Rep	N/A	N/A	18,089	2,627	7,431	11,636	11,136	82,328

EXIT

**Current Contracts for Project 9650161**

<u>Dept</u>	<u>ContractNo</u>	<u>Contract Name</u>	<u>RTA Budget Allocation</u>	<u>Award Budget Allocation</u>	<u>CIIS Award</u>
WS	<u>E05-WASD-09</u>	Mechanical, Electrical and Fir	\$832,500.00	\$0.00	\$0.00
WS	<u>E06-WASD-04</u>	Design of Upgrades to MDWASD's	\$0.00	\$4,000,000.00	\$0.00
WS	<u>E06-WASD-04</u>	Design of Upgrades to MDWASD's	\$4,000,000.00	\$0.00	\$0.00
WS	<u>E06-WASD-11</u>	Design of Upgrades to MDWASD's	\$0.00	\$4,800,000.00	\$8,000,000.00
WS	<u>E06-WASD-11</u>	Design of Upgrades to MDWASD's	\$4,800,000.00	\$0.00	\$8,000,000.00

Total Allocated: \$9,632,500.00 \$8,800,000.00

**Current Sites for Project 9650161**

<u>Site</u>	<u>Location</u>
68599	Water Treatment Plants





# MIAMI DADE COUNTY A&E Firm History Report

From: N/A To: N/A

FIRM NAME: METCALF & EDDY, INC.  
30 Harvard Mill Sq  
Wakefield, MA 01880

PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT	PAID TO PRIME AS OF	REQ TO DATE REPORTED	DATE REPORTED	SUBCONTRACTORS
* R1278-92	1	DE	NO MEASURE	10/27/1992	\$50,000,000	\$0		\$0	
GROUNDWATER SURFACE WATER & SOIL CLEANUP SERVICES									
Change Order #	1	JAN-01-01	0 days		\$10,000,000				
					\$60,000,000				
* R268-93	1	WS	NO MEASURE	03/02/1993	\$1,650,000	\$0		\$0	
EMERGENCY ENGINEERING SERVICES/BISCAYNE BAY									
					\$1,650,000				
* R-243-93	1	AV	NO MEASURE	03/02/1993	\$2,000,000	\$0		\$0	
MISCELLANEOUS ENVIRONMENTAL/CIVIL ENGINEERING SERVICES									
Change Order #	1	JAN-01-01	0 days		\$300,000				
					\$2,300,000				
* R1443-93-3	1	DE	NO MEASURE	11/16/1993	\$3,000,000	\$0		\$0	
PETROLEUM CONTAMINATION CLEANUP									
Change Order #	1	FEB-02-99	365 days		\$0				
					\$3,000,000				
* R1654-94C	1	WS	NO MEASURE	11/01/1994	\$2,500,000	\$0		\$0	
MISCELLANEOUS ENGINEERING SERVICES									
					\$2,500,000				

\* Indicates closed or expired contracts

Change Orders without dates are pending BCC approval

# MIAMI DADE COUNTY

## A&E Firm History Report

From: N/A To: N/A

FIRM NAME: METCALF & EDDY, INC.  
30 Harvard Mill Sq  
Wakefield, MA 01880

### PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT	PAID TO PRIME AS OF	REQ TO DATE	DATE REPORTED	SUBCONTRACTORS
* E95-DERM-04	5	DE	GOAL HBE 0%	04/02/1996	\$30,000,000	\$4,408,756	03/31/2002	\$0	* ALBAARI & ASSOCIATES, P.A. - \$0.00 * B MUMFORD & COMPANY - \$0.00 * B.S.R. ELECTRIC, INC. - \$170,532.08 * CLIFF BERRY, INC. - \$2,602.50 * G L C 3, INC. - \$666,304.98 * J.H. MANUCY, INC. - \$275.00 * LAKDAS / YOHALEM ENGINEERING, INC. - \$4,600.00 * METRO TRUCKING COMPANY - \$0.00 * N D T, INC. - \$0.00 * NUNEZ CONSTRUCTION, INC. - \$1,500.00 * PEER CONSULTANTS, P.C. - \$0.00 * PETRO HYDRO, INC. - \$0.00 * PLANNING AND ECONOMICS GROUP, INC. - \$53,996.00 * RESOURCE RECLAMATION SVCS., INC. - \$0.00 * SEVERN TRENT LABORATORIES, INC. - \$1,423.00 * SPECTRUM CONSULTING - \$21,906.02 * U.S. FILTER WASTEWATER GROUP, INC. - \$1,706,548.00 * VIZCAYA CHEMICAL LABORATORIES, INC. - \$6,881.80 * WORLD TRADE - \$0.00
Change Order # 1	MAR-18-99	730 days	GOAL BBE 0%		\$0				
Change Order # 2		365 days	GOAL HBE 0%		\$0				
			GOAL WBE 0%						
			GOAL BBE 0%						
			GOAL WBE 0%						
					\$30,000,000				
E01-DERM-03-EP	2	DE	NO MEASURE	11/03/2001	\$4,000,000	\$4,004,331	08/23/2005	\$0	* CRJ & ASSOCIATES, INC. - \$109,248.51 * DMJM+HARRIS, INC. - \$52,582.82 * SHARPTON, BRUNSON & CO., P.A. - \$149,551.21 * TRIANGLE ASSOCIATES, INC. - \$43,884.76
ENGINEERING MANAGEMENT - MASTER CONSULTANT (6 AGREEMENTS AT \$4,000,000 EACH) (Resub. 10/4/01)									
Change Order # 1	JUL-22-04				\$500,000				
					\$4,500,000				

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MIAMI DADE COUNTY  
A&E Firm History Report  
From: N/A To: N/A

FIRM NAME: METCALF & EDDY, INC.  
30 Harvard Mill Sq  
Wakefield, MA 01880

PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT	PAID TO PRIME AS OF	REQ TO DATE REPORTED	DATE	SUBCONTRACTORS
EDP-WS-S-23	1	WS	NO MEASURE	02/15/2005	\$50,000	\$7,321	\$0		* JONES ECOSYSTEM MANAGEMENT, INC. - \$0.00
FUTURE LAKE EXCAVATION PERMITTING AT NW WELLFIELD PROPERTY									
					<u>\$50,000</u>				
Total Award Amount					\$93,200,000				
Total Change Orders Approved by BCC					\$10,800,000				
					<u>\$104,000,000</u>				
Total Change Orders Approved After Requested Date Range					\$0				
Total Change Orders Pending					\$0				
					<u>\$104,000,000</u>				

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**MIAMI-DADE COUNTY, FLORIDA**  
**Capital Improvements Information System**  
**Department of Environmental Resources Management**

**Project Evaluation**

Evaluation Type: Standard Evaluation

Contract: E01-DERM-03, EP-2 Work Order No: N/A  
Contract Name: Consultants for Engineering Management to Act as a Master Consultant for the Repair and Mitigation Tasks Resulting from Hurricane Irene and the "No-Name" Storm  
Award Amount: \$4,500,000.00 Contact: Keith Ng  
Contract Type: PSA 305-372-6482  
Contractor Consultant: Metcalf & Eddy, Inc. FEIN: 42428218

Evaluator ID: ngk

Date: 5/30/2006

Period: Project conclusion or closeout

Rating *						
	4	3	2	1	N/A	Criteria
1-		✓				Schedule - Quality of schedule & adherence to schedule resulting in timeliness and minimizing delay to the owner and community.
2-		✓				Cost effectiveness & efficiency - Budget compliance & value of work.
3-	✓					Vision - Design - Concepts or adherence to criteria.
4-	✓					Cooperation - Teamwork & relationship with owner, subs and suppliers.
5-	✓					Coordination - Ability to organize, schedule and complete tasks in adherence to the schedule.
6-		✓				Accuracy & Technical Skills - Cost estimating, scheduling, shop and other drawings, plans, manuals, project documentation and conflict resolution.
7-		✓				Completeness - Compliance with contract documents, permits, Code & standards.
8-		✓				Responsiveness - Timely, clear & concise responses to owner comments and correspondence.
9-		✓				Commitment - Intangibles & contribution to project success.
10-		✓				Personnel - Quality and dedication of project staff.
11-		✓				Management - Leadership ability.
12-		✓				Quality - Work performed correctly the first time.

Overall Performance Average: 3.3

Documentation that supports this evaluation and Contractor's/Consultant's comments can be obtained by contacting:  
at Phone#

Evaluation Reviewed by: Supervisor ☐ Division Chief ☐ Assistant Director ☐ Director ☐

The method of delivery of this evaluation to contractor/consultant: Certified Mail ☐ EMail ☐ Fax ☐ Hand ☐

(Unresponsive Performance by contractor/consultant requires 2 delivery methods)

Evaluation delivered to:

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\* Rating Key

- 4 Superior performance - Exemplary quality, no intervention required - project completed on time or early at or below budget with no change orders or amendments other than owner requested changes.

- 3 Satisfactory performance - Minor errors noted, addressed with timely corrective action. No serious errors noted or corrective action needed.
- 2 Guarded performance Errors and Omissions documented in writing with timely corrective action.
- 1 Unresponsive performance documented in writing without timely corrective action.
- N/A. No Information

NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT  
BETWEEN  
MIAMI-DADE COUNTY  
AND  
METCALF & EDDY, INC.

Agreement No. 07MEED003

THIS NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT is made and entered into this \_\_\_\_ day of \_\_\_\_, 2007, by and between Miami-Dade County, a political subdivision of the State of Florida, hereinafter referred to as the "COUNTY", and METCALF AND EDDY, INC., a Delaware corporation authorized to do business in the State of Florida with offices in Miami-Dade County, hereinafter referred to as the "ENGINEER".

For and in consideration of the mutual agreements hereinafter contained, the COUNTY hereby retains the ENGINEER and the ENGINEER hereby covenants to provide the professional services described herein in connection with engineering services and construction management services to upgrades the infrastructure and operations of the Miami-Dade Water and Sewer Department's Hialeah Water Treatment Plant, pipelines, wellfields, re-pumping facilities, remote storage and its appurtenant facilities - hereinafter referred to as the "Project".

TABLE OF CONTENTS

<u>Paragraph No.</u>	<u>Subject</u>
1.	County Obligations and Authorization to Proceed
2.	Professional Services
3.	Engineer's Responsibilities
4.	Task Authorization: Time for Completion
5.	Delay in Performance
6.	Compensation
7.	Methods of Payments
8.	Change of Principal and/or Project Manager
9.	Schedule of Work
10.	Right of Decisions
11.	Ownership of Documents
12.	Notices
13.	Audit Rights
14.	Subconsultants
15.	Prompt Payment to Small Business Subconsultants
16.	Warranty
17.	Termination of Agreement
18.	Duration of Agreement
19.	Default
20.	Indemnification and Insurance

21. Ordinances
22. Proprietary Information
23. Affirmative Action Plan
24. Equal Opportunity
25. Office of the County Inspector General
26. Independent Private Sector Inspector General
27. Domestic Leave
28. Performance Evaluations
29. Ethics Commission
30. Assignment of Agreement
31. Entirety of Agreement
32. Modification
33. Governing Law
34. Security Restrictions
35. Sanctions for Contractual Violations
36. Severability

1. COUNTY OBLIGATIONS AND AUTHORIZATION TO PROCEED: The COUNTY agrees that its Miami-Dade Water and Sewer Department, hereinafter referred to as the "Department", shall furnish to the ENGINEER any plans or other data available in the COUNTY files pertaining to the work to be performed under this Agreement. Information shown on such plans or data shall be that which has been made available to the COUNTY, and shall be provided to the ENGINEER without guarantee regarding its reliability and accuracy; the ENGINEER shall be responsible for independently verifying such information if it shall be used by the ENGINEER to accomplish the work undertaken pursuant to this Agreement.

The ENGINEER shall submit a proposal upon the Director's request prior to the issuance of a task authorization to proceed. No payment shall be made for the ENGINEER's time or service in connection with the preparation of any such proposal. The Director or his designee shall confer with the ENGINEER before any authorization to proceed is issued to discuss and agree upon the scope, time for completion, and fee for services to be rendered pursuant to the task orders, subject to the conditions of this Agreement. No payment shall be made for the ENGINEER's time on services in connection with the preparation of any such proposal.

The Director of the Miami-Dade Water and Sewer Department, hereinafter referred to as the "Director", or his designee, shall issue written task order authorizations to proceed to the ENGINEER for each section of the work to be performed hereunder. In case of emergency, the COUNTY, through the Director, reserves the right to issue oral authorizations to the ENGINEER with the understanding that written authorization shall follow within ten (10) working days. If no written authorization is issued within that time, the ENGINEER shall cease work and submit an invoice for work completed.

2. PROFESSIONAL SERVICES Upon receipt of authorization to proceed from the Director, the ENGINEER agrees to perform professional services associated with the requested work in accordance with the negotiated terms of the applicable written task order authorization to proceed. The services under this Agreement shall be performed by the

ENGINEER during hours which generally correspond but are not necessarily limited to those office hours of the Department. The services under this Agreement shall be performed by the ENGINEER. Said services include providing professional engineering and construction management services to upgrade the infrastructure and operations of the MDWASD Hialeah Water Treatment Plant, pipelines, wellfields, re-pumping facilities, remote storage and its appurtenant facilities.

Task Order One (Exhibit B) – The Consultant will perform Task One “Hialeah Water Treatment Plant Sludge Maintenance Plan for the Cleaning of Sludge Disposal Lines from the Hialeah Water Treatment Plant.

The total compensation for Task Order One is \$78,158 and the work should be completed within 120 days once the Notice to Proceed has been issued. Any modification(s) made to Task Order One must be approved by the MDWASD Director or his designee. Additional task orders as authorized by the MDWASD Director will be forthcoming.

3. ENGINEER'S RESPONSIBILITIES: In connection with professional services to be rendered pursuant to this Agreement, the ENGINEER agrees to:

- A. Use that degree of care and skill ordinarily exercised by other similar professionals in the field under similar conditions.
- B. Maintain an adequate staff of qualified personnel on the work at all times to ensure its completion within the term specified in the applicable task order authorization to proceed.
- C. Comply with the federal, state and local laws or ordinance applicable to the work.
- D. Cooperate fully with the COUNTY in the scheduling and coordination of all phases of the work.
- E. Report the status of the work to the Director upon request and hold pertinent data, and other products open to the inspection of the Director or designee at any reasonable time and during normal business hours.
- F. Submit for COUNTY review design computations, sketches, and other data representative of the work's progress at the percentage stages of completion which may be stipulated in the applicable authorization to proceed. Submit for COUNTY approval the final work products upon incorporation of any modifications requested by the COUNTY during any previous review.
- G. Confer with the COUNTY at any time during the further development and implementation of improvements for which the ENGINEER has provided design or other services as to interpretation of plans and other documents, correction of errors and omissions and preparation of any necessary plan thereof. The ENGINEER shall not be compensated for the correction of errors and omissions on the part of the ENGINEER.
- H. Prior to final approval of the work by the Director, complete a preliminary check of any construction documents which require a permit or other approval from a county, city, state, or federal agency from which a permit or other approval is required.
- I. Use computer and networking hardware, software and firmware standards as approved by the Information Technology (IT) Division of the Department. IT



staff must be involved in the design phase of an application and in developing the testing, training and acceptance criteria of the application before it is placed into production. All applications and/or systems to be transferred to the COUNTY must have adequate end user and systems support documentation and as part of the design process for a project, any system needs should be identified and will require the approval of IT. All electronic data performed or produced in the performance of this agreement shall be transferred in an approved media and format by IT.

- J. All systems developed by the ENGINEER pursuant to this Agreement shall become the property of the COUNTY.
- K. Application design, operation and security shall follow the COUNTY and WASD IT standards. Costs incurred to comply with these if the system is developed outside these parameters will be the burden of the consultant.
- L. The COUNTY reserves the right to require background checks on consultant staff working on sensitive WASD infrastructure information, especially GIS layers. The Department may request non-disclosure agreements to be signed regarding infrastructure information and shall hold the consultant responsible for the security of this data.
- M. All consultant staff wishing to gain access to work via the COUNTY network will require a network ID and password issued within the guidelines set forth for security. This ID will be terminated after use on the project, or if not signed-on to the network after 10 days.

4. TASK AUTHORIZATION: TIME FOR COMPLETION: The services to be rendered by the ENGINEER for each section of the work shall commence upon receipt of a written task order authorization to proceed from the Director or his designee subsequent to the execution of this Agreement, and be completed within the time stated in the authorization to proceed. Task assignment negotiations must be concluded within 21 calendar days from the date of the initial task order meeting between the department and consultant. Should negotiations and price proposal submittal not be provided within this time frame, the Office of Capital Improvements (OCI) shall be notified by the department to intervene, in an effort to resolve any delays.

5. DELAY IN PERFORMANCE: No claim for damages or any claim other than for an extension of time shall be made or asserted against the COUNTY by reason of any delays. The ENGINEER shall not be entitled to an increase in this Agreement sum or payment or compensation of any kind from the COUNTY or direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference or hindrance from any cause whatsoever; provided, however, that this provision shall not preclude recovery or damages by the ENGINEER for hindrances or delays due solely to fraud, bad faith or active interference on the part of the COUNTY or its agents. Otherwise, the ENGINEER shall be entitled only to extensions of this Agreement time as the sole and exclusive remedy for such resulting delay, in accordance with and to the extent specifically provided below.

The time to perform this Agreement shall be extended only if the ENGINEER is delayed in performing any obligation under this Agreement due to a force majeure or inevitable accident or occurrence, the ENGINEER shall request in writing a time extension

from the Director within twenty (20) days of said force majeure or inevitable accident or occurrence. Failure to make such written request within the specified time shall be a bar on the ability of the ENGINEER to bring any civil action for either compensable or non-compensable time extension. For the purpose of this Paragraph, force majeure shall mean an act of God which includes but is not limited to sudden, unexpected or extraordinary forces of nature such as hurricanes, floods, washouts, storms, fires, earthquakes, landslides, epidemics, explosions or other forces of nature. Inevitable accidents or occurrences shall mean those which are unpreventable by the ENGINEER and shall include but not be limited to strikes, lockouts, other industrial disturbances, wars, blockades, acts of public enemies or terrorism, insurrections, riots, federal, state, county and local governmental restraints, military action, civil disturbances, explosions, conditions in federal, state, county and local permits, bid protests, manufacturing and delivery delays, unknown or unanticipated soil, water or ground conditions and cave-ins, and contract default by the COUNTY's other consulting and design engineers and contractors. Provision of the above specified notice shall be a condition precedent to maintenance of a claim for delay.

Such acts or events do not include inclement weather (except as noted above) or the acts or omissions of subconsultants, materialmen, suppliers, or their subcontractors, unless such acts or omissions are otherwise encompassed by the definition set forth above.

6. COMPENSATION: The COUNTY agrees to pay and the ENGINEER agrees to accept a fee representing full compensation for the performance of the services specified herein. The ENGINEER shall submit monthly invoices for all work in progress using a format and procedure provided by the Department and in accordance with the Prompt Payment Ordinance. Invoices shall be submitted within 120 days of the performance of the service being billed. The COUNTY shall not pay invoices that are not properly submitted within that period. Additionally, the COUNTY may withhold payment of any invoices from the ENGINEER if the COUNTY determines that the ENGINEER submitted and received payment of an inaccurate invoice, without limitation to any other legal or equitable remedies. Fees and other compensation will be computed in accordance with one or a combination of the methods outlined below as specified in a written task authorization:

A. Fee as a Multiple of Direct Salary Cost and Fixed Hourly Rate

- 1) The fee for professional services rendered by the ENGINEER's employees, principals excluded, shall be computed based on the direct salary cost, as reported to the Internal Revenue Service, excluding bonuses or awards if applicable, for the time of said employee engaged directly in the work, times a negotiated multiplier of 2.85 for office employees, 2.4 for the ENGINEER's employees working in COUNTY offices, including an office trailer at the COUNTY facilities and 2.1 for all field employees excluding surveying. This fee shall constitute full compensation to the ENGINEER for costs incurred in the performance of the work such as salaries, overhead, fringe benefits, operating margin and all other costs not covered by reimbursable expenses.
- 2) or personnel required to be paid overtime, compensation for overtime work considered necessary and authorized in advance by the Director shall be computed with a multiplier of 1.1 times the

overtime rate and number of hours ( 1.1 x overtime rate x number of hours). Principals shall not receive additional compensation for performance of overtime work.

- 3) The ENGINEER shall be compensated at the flat rate of \$125.00 per hour for the time of a Principal engaged directly in the work. This rate shall not be subject to the negotiated multiplier.

B. Lump Sum Fee The fee for any requested portion of work may, at the option of the DEPARTMENT, be a lump sum mutually agreed upon by the COUNTY and the ENGINEER and stated in the written authorization to proceed.

C. Reimbursable Expenses The ENGINEER may be compensated for certain work related expenditures not covered by fees for engineering services, provided such expenditures are previously authorized by the Director or his designee in writing.

Reimbursable expenses may include:

1. Expenses for laboratory tasks and analyses, permitting fees, printing and reproduction costs, rental or purchase of specialized equipment and instruments necessary for the efficient performance of the work, provided that such equipment and instruments become the property of the COUNTY upon work completion.
2. Expenses for travel, except that ENGINEER shall claim no more in expenses for travel, transportation, and subsistence than would be allowed an "authorized person" pursuant to the terms of Chapter 112.061, Florida Statutes and the COUNTY'S Administrative Orders 6-1 and 6-3, as presently written or hereafter amended. No such expenses shall be approved without the prior written consent of the Director. For the purposes of this section, the principal place of business shall be considered the ENGINEER's local corporate headquarters. Failure to obtain such prior authorization shall be grounds for nonpayment of such expenses. To be compensated, the ENGINEER shall maintain accurate records in a format and procedure provided by the Department and the ENGINEER shall submit said records with their invoices.
3. Expenses incurred by ENGINEER for an office trailer required to perform services at the COUNTY's treatment facilities. In the event the COUNTY requests the ENGINEER to provide an office trailer, the COUNTY shall reimburse the ENGINEER for expenses associated with the use of the office trailer such as the lease payments, office furniture and equipment, permitting fees, site preparation fees including installation of utilities, insurance costs and routine maintenance and cleaning costs. Provisions for said office trailer shall be approved and coordinated with the COUNTY.
4. Items not listed shall be reviewed on a case-by-case basis and shall be approved in advance by the Director or his designee.
5. Reimbursable expenses of the ENGINEER and approved subconsultants shall be reimbursed on a direct cost basis.
6. The ENGINEER shall be required to submit original receipts of all reimbursable expenses

D. Maximum Compensation: The total of all payments to the ENGINEER pursuant to this Agreement shall not exceed eight million (\$8,000,000). No minimum amount of compensation is guaranteed to the ENGINEER.

E. Contingency Allowance Accounts: Pursuant to County Code 2-8.1, an Allowance Account of 10% of the Basic Services Maximum Compensation as stated in Paragraph 6.D. above is permissible to be used by the Department for unforeseen conditions necessitating additional design. Before any extra work is begun a task authorization from the Department Director shall be given to the engineer. The engineer shall have no entitlement to any of these funds. The COUNTY retains all rights to these funds, may expend these funds at its sole discretion, and any funds not expended from this Contingency Allowance Account remains the property of the COUNTY.

F. Certification of Wage Rates In Accordance with Florida Statute 287.055: The ENGINEER hereby certifies and agrees that wage rates and other factual unit costs, as submitted in support of the compensation provided in this paragraph, are accurate, complete and current as of the date of this Agreement. It is further agreed that said compensation shall be adjusted to exclude any significant costs where the COUNTY shall determine that the price of services was increased due to inaccurate, incomplete or unclear wage rates or other factual unit costs. All such compensation adjustments shall be made within one (1) year from the date of final billing or acceptance of the work by the COUNTY, whichever is later.

7. METHODS OF PAYMENT: The COUNTY agrees to make monthly or partial payments to the ENGINEER, in accordance with Prompt Payment Ordinance No. 94-40, currently in effect or as amended in the future, for all authorized work performed during the previous calendar month or other mutually agreed invoicing period. The ENGINEER is responsible to submit invoices that do not contain charges that are more than 120 days old. In the case where disallowed charges are found, the COUNTY may return the entire invoice for correction and resubmittal. The ENGINEER agrees to provide all records necessary to substantiate payment requests to the COUNTY. Payments shall be made in accordance with the following methods:

A. Time and/or Material for Professional Fees and/or Reimbursable Expenses.

- (1) The ENGINEER shall submit the invoice in a format provided by the Department. Each invoice shall reference the particular authorization to proceed that authorized the services and shall include a status report describing work completed.
- (2) With each invoice, the ENGINEER shall submit a "Utilization Report" form in accordance with the Department of Business Development's requirements. Invoices shall not be considered valid without said form.
- (3) The amount of the invoice submitted shall be comprised of the amounts due for all services performed and reimbursable expenses incurred during the previous calendar month or other mutually agreed invoicing period to date in connection with authorized work. The amounts due for professional services and reimbursable expenses shall be calculated in accordance

with Paragraph 6.A. and 6.C. hereof, respectively. Invoiced reimbursable expenses must be substantiated by original receipts and other documentation as necessary.

B. Lump Sum Fee

- (1) The ENGINEER shall submit the invoice in a format provided by the Department. Each invoice shall reference the particular task order authorization to proceed which authorized the services and shall include a status report describing work completed.
- (2) With each invoice, the ENGINEER shall submit a "Utilization Report" form in accordance with the Department of Business Development's requirements. Invoices shall not be considered valid without said form.
- (3) The amount due on the invoice shall be calculated by applying the percentage of the total work completed to date to the authorized lump sum and subtracting any previous billings.
- (4) Payments shall be calculated on a percentage of work completed.

8. CHANGE OF PRINCIPAL AND/OR PROJECT MANAGER: Alejandro Toro, P.E. and Jim Penkosky, P.E. shall be the ENGINEER'S Principal and Project Manager, respectively. If the COUNTY or the ENGINEER requests a change of the Principal or the Project Manager, the party initiating said change shall make the request in writing and said request shall be received by the other party at least thirty (30) days prior to any such change. The Director reserves the right to approve the replacement Principal or Project Manager.

9. SCHEDULE OF WORK: The Department shall have the sole right to determine on which units or sections of the work the ENGINEER shall proceed and in what order. The written task order authorization to proceed issued by the Director shall cover in detail the scope, time for completion and compensation for the engineering services requested in connection with each unit or section of work.

10. RIGHT OF DECISIONS: All services shall be performed by the ENGINEER in accordance with applicable professional standards and to the satisfaction of the Director who shall decide all questions, difficulties, and disputes of whatever nature which may arise under or by reason of this Agreement, the prosecution and fulfillment of the services hereunder, and the character, quality, amount and value thereof. The Director's decisions upon all claims, questions and disputes shall be final, conclusive and binding upon the parties hereto unless such determination is clearly arbitrary or unreasonable. In the event the ENGINEER does not concur with the decisions of the Director, the ENGINEER shall present any such objections in writing to the County Mayor. The Director and the ENGINEER shall abide by the decisions of the County Mayor. The decision of the County Mayor shall be subject to review de novo by a court of competent jurisdiction.

11. OWNERSHIP OF DOCUMENTS: All notes, correspondence, documents, designs, drawings, renderings, calculations, specifications, models, photographs, reports, surveys, investigations, and any other documents and copyrights thereto for Services performed

or produced in the performance of this Agreement, whether in paper or other hard copy medium or in electronic medium, except with respect to copyrighted standard details and designs owned by the ENGINEER or owned by a third party and licensed to the ENGINEER for use and reproduction, shall become the property of the COUNTY. However, the COUNTY may grant an exclusive license of the copyright to the ENGINEER for reusing and reproducing copyrighted materials or portions thereof as authorized by the COUNTY in advance and in writing. In addition, the ENGINEER shall not disclose, release, or make available any document to any third party without prior written approval from COUNTY. The ENGINEER shall warrant to the COUNTY that he/she has been granted a license to use and reproduce any standard details and designs owned by a third party and used or reproduced by the ENGINEER in the performance of this Agreement. Nothing contained herein shall be deemed to exclude any document from Chapter 119 of the Florida Statutes. All drawings shall be AutoCAD format in a version acceptable to the Department. All documents other than drawings shall be in a print ready electronic format acceptable to the Department. All electronic delivery/submittal shall be submitted on CD or other electronic media acceptable to the Department. Directions shall be included with the transmittal and electronically in the root directory of the electronic media. When each individual task authorization of work requested pursuant to this Agreement is complete, one signed and sealed paper copy of all final documents which are in electronic form shall be delivered to the Director.

12. NOTICES: Any notices, reports or other written communications from the ENGINEER shall be considered delivered when posted by certified mail or delivered in person to the Director. Any notices, reports or other communications from the COUNTY to the ENGINEER shall be considered delivered when posted by certified mail to the ENGINEER at the last address left on file with the COUNTY or delivered in person to said ENGINEER or the ENGINEER's authorized representative.

13. AUDIT RIGHTS: The COUNTY reserves the right to audit the records of the ENGINEER related to this Agreement at any reasonable time and during normal business hours during the performance of the work included herein and for a period of five (5) years after final payment under this Agreement. The ENGINEER agrees to provide any records necessary to substantiate payment requests to the COUNTY, including audited financial statements. In the event an audit undertaken pursuant to this section reveals improper, inadvertent, or mistaken payments to the ENGINEER, the ENGINEER shall remit such payments to the COUNTY. The COUNTY shall retain all legal and equitable rights with respect to recovery of payments.

14. SUBCONSULTANTS:

A. The ENGINEER shall utilize the following firms as subconsultants: A.D.A. Engineering, Inc; Ford Engineers, Inc; Fraga Engineers; Cardozo Engineering, Inc; Leiter, Perez & Associates, Inc; Geosol, Inc; Nifah and Parnters Consulting Engineers, Inc; Planning and Economics Group, Inc; Water Resources Solutions, A Division of Entrix, Inc; Woolpert, Inc; H.J. Ross Associates, Inc; and Boxer Environmental, Inc. The ENGINEER shall not subconsult, assign or transfer to others work performed under this Agreement without the written consent of the Director or his designee. In addition, the ENGINEER shall not allow the subconsultant to utilize, assign or transfer work to others for work performed under this Agreement without the written consent of the Director or his designee. When applicable and upon receipt of such consent in writing, the ENGINEER shall cause the names of the firms

responsible for the major portions of each separate specialty of the work to be inserted in the pertinent documents or data. Nothing contained in this Agreement shall create any contractual relationship between the COUNTY and the subconsultants.

B. In addition, and as applicable, the ENGINEER agrees to comply with Miami-Dade County Ordinance 01-103 and Administrative Order 3-32 regarding the Community Business Enterprise (CBE) program. The COUNTY has established a participation goal of 35% based on the total amount of compensation authorized under this Agreement. The ENGINEER shall be responsible to submit to the COUNTY a Utilization Report on or before the tenth working day following the preceding month.

15. PROMPT PAYMENT TO SMALL BUSINESS SUBCONSULTANTS: The ENGINEER agrees to comply with Section 2-8.1.4 of the Code of Miami-Dade County, requiring the ENGINEER to issue prompt payment to all small business contractors and to have dispute resolution procedures in place in the event of disputed payments to small businesses. Failure of the ENGINEER to issue prompt payment to small businesses, or to adhere to its dispute resolution procedures, may be cause for suspension, termination, and debarment.

16. WARRANTY: The ENGINEER certifies and agrees that no companies or persons, other than bona fide employees working solely for the ENGINEER or the ENGINEER's subconsultants, have been retained or employed to solicit or secure this Agreement or have been paid or guaranteed payment of any fees, commissions, percentage fees, gifts or any other considerations contingent upon or resulting from the award or making of this Agreement. The ENGINEER also certifies and agrees that no COUNTY personnel, whether a full-time or part-time employee, has or shall be retained or employed in any capacity, by the ENGINEER or the ENGINEER's subconsultants, to accomplish the work contemplated under the terms of this Agreement. The COUNTY shall not pay the ENGINEER for any work performed by COUNTY employees.

17. TERMINATION OF AGREEMENT: It is expressly understood and agreed that the Director may terminate this Agreement, in total or in part, without cause or penalty, by ten (10) days prior written notification or by declining to issue the written task order authorization, as provided herein in which event the COUNTY's sole obligation to the ENGINEER shall be payment, in accordance with Paragraph 6, for those units or sections of work previously authorized. Such payment shall be determined on the basis of the hours or percentage of work performed by the ENGINEER up to the time of termination. In the event partial payment has been made for professional services not performed, the ENGINEER shall return such sums to the COUNTY within ten (10) days after receipt of written notice that said sums are due. Upon such termination, the COUNTY may, without penalty or other obligation to the ENGINEER, elect to employ other persons to perform the same or similar services.

18. DURATION OF AGREEMENT: This Agreement shall remain in full force and effect for a period of six (6) years after its date of execution (although actual completion of the services may extend beyond such term and shall be subject to the same terms and conditions set forth in this Agreement, including but not limited to indemnification and insurance) or until the completion of the professional engineering services contemplated herein, and as specified in the authorization to proceed or until depletion of the funds

allocated to pay the cost of the services described herein, whichever occurs first. This Agreement may be terminated by mutual consent of the parties hereto, or as otherwise provided herein. The performance of specifically and properly authorized services that may extend beyond this Agreement's effective term shall be compensated in accordance with Paragraph 6 hereof.

19. DEFAULT: If the ENGINEER fails to comply with the provisions of this Agreement, the Director may declare the ENGINEER in default by ten (10) days prior written notification. In such event, the ENGINEER shall only be compensated for any professional services completed as of the date written notice of default is served. In the event partial payment has been made for incomplete professional services, the ENGINEER shall return such sums to the COUNTY within ten (10) days after receipt of written notice that said sums are due. The ENGINEER shall not be compensated for professional services that have been performed but not completed by the time the Director declares a default. In the event the COUNTY prevails in litigation to enforce or defend the provisions of this or any other Paragraph of this Agreement, the COUNTY shall be compensated by the ENGINEER for reasonable attorney's fees and court costs.

20. INDEMNIFICATION AND INSURANCE: Pursuant to section 725.08 of the Florida Statutes, the ENGINEER shall indemnify and hold harmless the County and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the ENGINEER and other persons employed or utilized by the ENGINEER in the performance of this Agreement.

The ENGINEER shall pay all claims and losses in connection therewith and shall pay all costs, judgments and attorney's fees for such claims which are finally determined to have been caused by the ENGINEER's negligence, recklessness or intentionally wrongful conduct of the ENGINEER. The ENGINEER expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the ENGINEER shall in no way limit the responsibility to indemnify and hold harmless and defend the COUNTY or its officers, employees, agents and instrumentalities as herein provided.

The ENGINEER, including subconsultants, shall not commence any work pursuant to this Agreement until all insurance required under this Section has been obtained and such insurance has been approved by the COUNTY's Risk Management Division of General Services Administration. The ENGINEER shall maintain insurance coverage during the term of this Agreement which meet the requirements outlined below:

- A. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work in an amount not less than \$300,000 combined single limit per occurrence for bodily injury and property damage.
- B. Professional Liability Insurance in the amount \$5,000,000 per claim.
- C. Commercial General Liability Insurance, on a comprehensive basis, in an amount not less than \$300,000 combined single limit per occurrence for bodily injury and



property damage. Miami-Dade County must be shown as additional insured with respect to this coverage.

- D. Workers' Compensation Insurance for all employees of the ENGINEER as required by Chapter 440.

All insurance policies must be issued by companies authorized to do business under the laws of the State of Florida. The companies must be rated no less than "B" as to management and no less than "Class V" as to strength by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the Risk Management Division, or, the companies must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to Do Business in Florida", issued by the State of Florida Department of Insurance and be members of the Florida Guaranty Fund.

The ENGINEER shall furnish certificates of insurance to the Department's Intergovernmental Affairs Manager, Suite 435, 3071 S.W. 38<sup>th</sup> Avenue, Miami, Florida, 33146 prior to the commencement of operations, which certificates shall clearly indicate that the ENGINEER has obtained insurance in the type, amount, and classification as required for strict compliance with this Paragraph 20. The certificate shall indicate that no material change or cancellation of this insurance shall be effective without thirty (30) days written advance notice to Miami-Dade County, c/o the Manager of Risk Management Division.

Compliance with the foregoing requirements shall not relieve the ENGINEER of the liabilities and obligations under this Section or under any other portion of this Agreement, and the COUNTY shall have the right to inspect the original insurance policies.

21. ORDINANCES: The ENGINEER agrees to abide by and be governed by Miami-Dade County ordinances which may have a bearing on the work contemplated hereunder, including but not necessarily limited to the following:

- A. Ordinance No. 72-82 (Conflict of Interest), as amended, and Ordinance No. 77-13 (Financial Disclosures), as amended, which are incorporated herein by reference, as if fully set forth herein in connection with the ENGINEER'S obligations hereunder. The ENGINEER shall comply with the financial disclosure requirements of Ordinance No. 77-13 by filing within thirty (30) days of the execution of this Agreement one of the following with the Miami-Dade County Elections Department, P. O. Box 012241, Miami, Florida 33101:

- (1) A source of income statement;
- (2) A current certified financial statement;
- (3) A copy of the ENGINEER's Current Federal Income Tax Return.

- B. The ENGINEER further agrees to comply with the requirements of applicable County, State and Federal Ordinances, Resolutions and/or Regulations, including, but not limited to the list below. The ENGINEER shall execute the related affidavits, attached hereto as Exhibit "A".

- (1) Ordinance No. 90-133, Miami-Dade County Disclosure Affidavit;
- (2) Ordinance No. 91-22, Certification Regarding Lobbying;
- (3) Ordinance No. 91-142, Family Leave; as amended by Ordinance No. 92-91, superseded by Ordinance No. 93-118; modified by Resolution Nos. 1499-91 and R-183-00
- (4) Ordinance No. 92-15, Drug-Free Workplace;
- (5) Ordinance No. 92-27, Lobbyist Registration for Oral Presentation;
- (6) Ordinance No. 93-129, Debarment Disclosure Affidavit;
- (7) State of Florida Statutes 287.133(3) (a) on Public Crimes Affidavit;
- (8) Ordinance No. 94-34, Criminal Record Affidavit;
- (9) Ordinance No. 95-178, Delinquent or Currently Due Fees or Taxes;
- (10) Ordinance No. 97-215, Inspector General (IG);
- (11) Ordinance No. 99-152, False Claims;
- (12) Ordinance No. 99-162, Payments to County are not in arrears;
- (13) Ordinance No. 01-96, Code of Business Ethics Affidavit;
- (14) Resolution No. 1634-93, Quarterly Reports (Miami-Dade County Work);
- (15) Resolution No. 113-94, Quarterly Reports (Private Sector Work);
- (16) Disability Nondiscrimination Affidavit; (Resolution No. 385-95/Americans with Disabilities Act of 1990).
- (17) Resolution No. 516-96 and Administrative Order No. 3-20, Independent Private Sector Inspector General (IPSIG);
- (18) Resolution No. 744-00, Requiring the continued engagement of critical personnel in contracts for Professional Services for the duration of the Project;
- (19) Resolution No. 185-00, Domestic Violence Leave
- (20) Administrative Order 3-39, Architectural and Engineering Selection Process

The ENGINEER further agrees to comply with any other ordinances or resolutions of the COUNTY that may become effective prior to the execution of this Agreement by both parties.

22. PROPRIETARY INFORMATION: Notwithstanding any other provisions of this Agreement or any provisions in a particular authorization to proceed, all of ENGINEER's proprietary computer programs or software, developed by ENGINEER outside of this Agreement shall remain the exclusive property of the ENGINEER, and shall not be disclosed to third parties, unless otherwise required by law. The ENGINEER shall provide the necessary licensing agreements to enable to the COUNTY to use proprietary property, including but not limited to computer programs or software.

23. AFFIRMATIVE ACTION PLAN: In accordance with Ordinance No. 82-37, the ENGINEER must have an Affirmative Action Plan filed and approved by Miami-Dade County's Department of Procurement Management, Small Business Affairs. The Plan is hereby incorporated as a contractual obligation of the ENGINEER to Miami-Dade County.

24. EQUAL OPPORTUNITY: The ENGINEER shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, sexual orientation, marital status, physical handicap, or national origin. The ENGINEER shall take affirmative actions to insure that applicants are employed and that employees are treated during their employment without regard to their race, religion, color, sex, age, sexual orientation, marital status, physical handicap or national origin. Such actions shall include, but shall not be limited to the following: employment; upgrading, transfer or demotion; recruitment or recruitment advertising; layoff or termination; rates of pay or other form of compensation and selection for training, including apprenticeship. The ENGINEER agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this Equal Opportunity Clause.

THE ENGINEER shall comply with all applicable provisions of the Civil Rights Acts of 1964; Executive Order 11246 of September 24, 1965 as amended by Executive Order 11375; Executive Order 11625 of October 13, 1971; the Age Discrimination in Employment Act, effective June 12, 1968; the rules and regulations, and relevant orders of the Secretary of Labor; Florida Statutes 112.041, 112.042 and 112.0113; and Miami-Dade County Ordinance No. 75-46, effective June 28, 1975.

During the performance of this Agreement, the ENGINEER agrees to state in all solicitations or advertisements for employees placed by or on behalf of the ENGINEER that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, age, sexual orientation, marital status, physical handicap or national origin. If requested to do so, the ENGINEER shall furnish all information and reports required by Executive Order 11246, as amended by Executive Order 11375 and by rules, regulations and orders of the Secretary of Labor, and will permit access to its books, records and accounts by the COUNTY, and compliance review agencies for purposes of investigation to ascertain compliance with such rules and regulations and orders. The ENGINEER further agrees that he will comply with the requirements of the Americans with Disabilities Act.

25. OFFICE OF THE COUNTY INSPECTOR GENERAL: The ENGINEER is hereby directed to the requirements of COUNTY Code Section 2-1076; in that the Office of the Miami-Dade County Inspection General (IG) shall have the authority and power to review past, present and proposed COUNTY programs, accounts, records, agreement and transactions. The IG shall have the power to subpoena witnesses, administer oaths and require the production of records. Upon ten (10) days written notice to the ENGINEER from the IG, the ENGINEER shall make all requested records and documents available to the IG for inspection and copying.

The ENGINEER shall make available at its office at all reasonable times the records, materials, and other evidence regarding the acquisition and performance of this agreement, for examination, audit, or reproduction, until 3 years after final payment under this agreement or for any longer period required by statute or by other clauses of this agreement. In addition:

(1) If this agreement is completely or partially terminated, the ENGINEER shall make available the records relating to the work terminated until 3 years after any resulting final termination settlement; and

(2) The ENGINEER shall make available records relating to appeals or to litigation or the settlement of claims arising under or relating to this agreement until such appeals, litigation, or claims are finally resolved.

The IG shall have the power to report and/or recommend to the Board of County Commissioners whether a particular project, program, agreement or transaction is or was necessary and if deemed necessary, whether the method used for implementing the project or program is or was efficient both financially and operationally. Monitoring of an existing project or program may include reporting whether the project is on time, within the budget and in conformity with plans, specifications, and applicable law. The IG shall have the power to analyze the need for and reasonableness of, proposed change orders.

The IG may, on a random basis, perform audits on all COUNTY agreements throughout the duration of said agreements (hereinafter "random audits"). This random audit is separate and distinct from any other audit by the COUNTY. To pay for the functions of the Office of the Inspector General, any and all payments to be made to the ENGINEER under this Agreement will be assessed one quarter of the one percent (.0025) of the total amount of the payment, to be deducted from each progress payment as the same becomes due. The ENGINEER shall in stating its proposals be mindful of this assessment, which will not be separately identified, calculated or adjusted.

The IG shall have the power to retain and coordinate the services of an independent private sector inspector general (IPSIG) who may be engaged to perform random audits, as well as audit, investigate, monitor, oversee, inspect, and review the operations, activities and performance and procurement process including, but not limited to, project design, establishment of bid specifications, bid submittals, activities of the ENGINEER, its officers, agents and employees, lobbyist, COUNTY staff and elected officials in order to ensure compliance with agreement specifications and detect corruption and fraud.

The IG authorized to investigate any alleged violation by the ENGINEER of its Code of Business Ethics, pursuant of COUNTY Code Section 2-8.1. The provisions in this section shall apply to the ENGINEER, its officers, agents and employees. The ENGINEER shall incorporate the provisions in this section in all subcontracts and all other agreements executed by the ENGINEER in connection with the performance of this Agreement.

26. INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL: The attention of the Contractor is hereby directed to the requirements of AO 3-20 and R-516-96; the County shall have the right but not the obligation to retain the services of an independent private-sector inspector general (IPSIG) who may be engaged to audit, investigate, monitor, oversee, inspect and review the operations, activities and performance of the Contractor and County in connection with this contract. The scope of services performed by an IPSIG may include, but are not limited to, monitoring and investigating compliance with Contract Specifications; project costs; and investigating and preventing corruption and fraud.

The IPSIG may perform its services at all levels of the contracting and procurement process including but not limited to project design, establishment of bid specifications, bid submittals, activities of Contractor, its officers, agents and employees, lobbyists, county staff and elected officials.

Upon (10) ten days written notice to Contractor from an IPSIG, the Contractor shall make all requested records and documents available to the IPSIG for inspection and copying. The IPSIG shall have the right to examine all documents and records in the Contractor's possession, custody or control which in the IPSIG's sole judgment pertain to performance of the Contract, including but not limited to original estimate files, bid and change order estimates, worksheets, proposals and agreements from and with successful and unsuccessful subcontractors and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, bid and contract documents, back-charge document, all documents and records which involve cash, trade or volume discounts, insurance proceeds, rebates, or dividends received, payroll and personnel records, and supporting documentation for the aforesaid documents and records.

27. DOMESTIC LEAVE: Pursuant to Ordinance No. 99-5, the ENGINEER certifies its compliance with the Domestic Leave Ordinance, providing domestic violence leave to its employees. In addition, the ENGINEER understands that failure to meet the terms and conditions of the ordinance shall constitute a default of the subject Agreement and may be cause for suspension, termination and debarment, in accordance with the terms of this Agreement and the debarment procedures of the COUNTY.

28. PERFORMANCE EVALUATIONS: Performance evaluations of the services rendered under this Agreement shall be performed by the Department and shall be utilized by the COUNTY as evaluation criteria for future solicitations.

29. ETHICS COMMISSION: Pursuant to Section 2-11.1 (w) of the Code of Miami-Dade County, the Commission on Ethics and Public Trust has jurisdiction over contractors and vendors. The ENGINEER acknowledges that pursuant to Section I of the Lobbyist Rules adopted by the Ethics Commission, the County Mayor or the Board of County Commissioners may void any agreement where a lobbying violation has occurred.

30. ASSIGNMENT OF AGREEMENT: This Agreement shall not be transferred, assigned or otherwise conveyed to any other party without the express written consent of the Director.

31. ENTIRETY OF AGREEMENT: This writing embodies the entire Agreement and understanding between the parties hereto, and there are no other agreements and understandings, oral or written with reference to the subject matter hereof that are not merged herein and superseded hereby.

32. MODIFICATION: No alteration, change, or modification of the terms of this Agreement shall be valid unless made in writing, signed by all parties hereto, and approved by the COUNTY.

33. GOVERNING LAW: This Agreement, regardless of where executed, shall be governed by and construed according to the laws of the State of Florida, and venue shall be in Miami-Dade County, Florida.

34. SECURITY RESTRICTIONS: Access to the COUNTY's site is restricted.

The ENGINEER is subject to Article IX, Chapter 32 of the Miami-Dade County Code (Ordinance No. 02-68). In the event the ENGINEER needs access to the COUNTY's property, the ENGINEER agrees to comply with the security ordinance and any other requirements by the COUNTY relating to security which may include background checks, the use of photo identification badges and limited access to the COUNTY's property. Prior to commencing work, the ENGINEER shall meet with a Plant Superintendent to submit required information and discuss security relating to the project. Subconsultants are also required to comply with the restrictions and it shall be the responsibility of the ENGINEER to ensure that the subconsultants comply with security ordinance and all restrictions.

35. SANCTIONS FOR CONTRACTUAL VIOLATIONS: Notwithstanding any other penalties for the ENGINEER and/or subconsultants that may be found to have discriminated in violation of Article VII of Chapter 11A of the Code, the COUNTY may terminate this Agreement or require the termination or cancellation of the subconsultants' agreements. In addition, a violation by the ENGINEER and/or subconsultants, or failure to comply with the Administrative Order (A.O.) 3-39 may result in the imposition of one or more of the sanctions listed in the A.O. The COUNTY additionally retains all rights sanctioned it by Ordinance or Statute and may avail itself of any remedy of law or equity in the event of a breach of this Agreement.

36. SEVERABILITY: If any Section of this Agreement is found to be null and void, the other Sections shall remain in full force and effect.

(This page was intentionally left blank)

IN WITNESS WHEREOF the parties hereto have executed this Agreement by their duly authorized officers on the date first written above.

ATTEST:

MIAMI-DADE COUNTY, FLORIDA  
BY ITS BOARD OF COUNTY  
COMMISSIONERS

HARVEY RUVIN,  
CLERK OF THE BOARD

By: \_\_\_\_\_

By: \_\_\_\_\_  
County Mayor

WITNESSETH:

Metcalf & Eddy, Inc.  
Firm Name (Place Corporate Seal)

Paula Austin  
Signature

Paula Austin  
Printed Name

By: [Signature]  
Vice President

Mark Blanchard  
Printed Name

Luisa Alvarado  
Signature

Luisa Alvarado  
Printed Name

Approved as to form  
and legal sufficiency.

[Signature] 9/7/07  
Assistant County Attorney

EXHIBIT "A"  
AFFIDAVITS  
Agreement Number: 07MEED003

I, Mark Blanchard, as the duly authorized representative of  
Affiant

Metcalf & Eddy, Inc. being first duly  
sworn

state: Metcalf & Eddy, Inc.  
Name of Engineer

The full legal name and business address of the ENGINEER transacting business with  
Miami-Dade County is:

800 Douglas Entrance, Suite 770, Coral Gables, FL 33134  
Federal Employer Identification Number  
04-2428218

and does solemnly swear and certify to the following affidavits that are required and made a  
part of this agreement.

**1. FAMILY LEAVE PLAN**  
**ORDINANCE NO. 91-142 (Sec. 11 A-29 et Seq. of the County Code)**

The provision of Miami-Dade County Ordinance No. 91-142, Section 2, "FAMILY LEAVE",  
apply to every employer which meets either or both of the following conditions:

Has in the regular course of business more that fifty (50) employees working in  
Miami-Dade County for each working day during each of twenty (20) or more weeks  
in the current preceding calendar year;

Does business with Miami-Dade County and has at least fifty (50) employees for each  
working day during each of twenty (20) or more weeks in the current or preceding  
calendar year.

(Check the appropriate box)

       Does not meet either of the above listed conditions.

  X   Meets one or both of the above listed conditions; and it is familiar with and  
will abide by the requirements of Ordinance No. 91-142.

**2. MIAMI-DADE COUNTY EMPLOYMENT DISCLOSURE**  
**ORDINANCE NO. 90-133 (Sec. 2-8.1 of the County Code)**

1. If the contract or business transaction is with a Corporation, the full legal name and  
business address shall be provided for each officer and director and each stockholder  
who holds directly or indirectly five percent (5%) or more of the corporation's check.



If the contract or business transaction is with a partnership, the full legal name and business address shall be provided for each partner. If the contract or business transaction is with a trust, the full legal name and address shall be provided for each trustee each beneficiary. All such names and addresses are:

Not Applicable \_\_\_\_\_ %  
\_\_\_\_\_ %  
\_\_\_\_\_ %

2. The full legal names and business address of any other individual (other than subcontractors, materialmen, suppliers, laborers, or lenders) who have, or will have, any interest (legal, equitable, beneficial or otherwise) in the contract or business transaction with Miami-Dade County are:

Not Applicable \_\_\_\_\_

3. Does the entity (Prime Consultant) have a collective bargaining agreement with its employees?

No \_\_\_\_\_

4. As an attachment the Prime Consultant shall include a schedule of wage rates (including overtime) to be paid employees performing work under this Contract. It shall also include the health care benefits to be paid to employees performing work under this Contract.
5. As an attachment the Prime Consultant shall submit a current breakdown of their work force as to race, national origin and gender.
6. Any person who willfully fails to disclose the information required herein, or who knowingly discloses false information in this regard, shall be punished by a fine of up to five hundred dollars (\$500.00), or by imprisonment in the County jail for up to sixty (60) days, or both at the discretion of the Court.

### 3. ANNUAL DRUG-FREE WORKPLACE

#### Ordinance No. 92-15(Sec. 2-8.1.2 of the County Code)

A. The engineer certifies that as of the commencement date of this Agreement with Miami-Dade County it shall provide a drug-free workplace for its employees, and

1. will provide a written statement to each employee, notifying the employee that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance, as defined in Section 893.02(4) Florida Statutes in the contracting entity's workplace (s) is prohibited and specifying the actions the contracting entity will take against employees for violation of such prohibition. Such written statement shall also inform the employee of:
  - (a) the dangers of drug abuse in the workplace;
  - (b) the contracting entity's policy of maintaining a drug-free environment at all of its workplaces, including but not limited to all locations where employees perform any task relating to any portion of the above contract;
  - (c) any available drug counseling, rehabilitation, and employee assistance programs; and

- (d) the penalties that may be imposed upon employees for drug abuse violations
- 2. will require each employee to sign a copy of the written statement referred to in paragraph 1 above to acknowledge receipt of the written statement and advice as to specifics of such policy. The contracting entity covenants to retain the statements signed by its employees. The contracting entity covenants to post in a prominent place at all of its workplaces a written statement of its policy containing the foregoing elements a through d;
- 3. will notify each employee in the statement required by paragraph 1 above that as a condition of employment the employee will:
  - (a) abide by the terms of the statement; and
  - (b) notify the contracting entity of any criminal drug statute conviction for a violation occurring in the workplace no later than five 5 days after such conviction;
- 4. will notify the County within ten (10) days after receiving notice under paragraph 3 above from an employee or otherwise receiving actual notice of such conviction;
- 5. will impose appropriate personnel action against such employees referred to in paragraph 4 above up to and including termination; or require such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State or local health, law enforcement, or other appropriate agency;
- 6. will make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5 of this affidavit.

The Engineer entity will certify annually, on or before the anniversary date of the professional services agreement, that it is in compliance with the provisions of Ordinance 92-15.

#### **4. DISABILITY NONDISCRIMINATION**

##### **Resolution No. 385-95**

The ENGINEER is in compliance with and agrees to continue to comply with, and assume that any subcontractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction in the following laws:

The Americans with Disabilities Act of 1990 (ADA), Pub.L. 101-336-104 Stat 327.42 U.S.C. 12101-12213 and 47 U.S.C. Sections 225 and 611 including Title I, Employment, Title II, Public Services; Title III, Public Accommodations and Services Operated by Private Entities; Title IV telecommunications; and Title V, Miscellaneous Provisions.

The Rehabilitation Act of 1973, 29 U.S.C. Section 794.

Project No. E06-WASD-04  
Agreement No. 07MEED003  
07/27/2007

The Federal Transit Act, as amended 49 U.S.C. Sections 1612.

The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631.

## **5. MIAMI-DADE COUNTY DEBARMENT DISCLOSURE ORDINANCE 93-129**

The ENGINEER or his agents, officers, principals, stockholders, subconsultants or their affiliates are not debarred by Miami-Dade County.

## **6. SWORN STATEMENT UNDER SECTION 287.133(3)(a), FLORIDA STATUTES ON PUBLIC CRIMES**

1. I understand that a "public entity crime" as defined in Paragraph 287.133(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
2. I understand that "Convicted" or "Conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
3. I understand that an "affiliate" as defined in Paragraph 287.133 (1) (a), Florida Statutes, means:
  - 1) A predecessor or successor of a person convicted of a public entity crime: or
  - 2) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person who has been convicted of a public entity crime in

Florida during the preceding 36 months shall be considered an affiliate.

4. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
5. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

\_\_\_\_\_ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agent who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies)

\_\_\_\_\_ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

\_\_\_\_\_ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

\_\_\_\_\_ The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Department of General Services)

## **7. CRIMINAL RECORD**

### **ORDINANCE NO. 94-34**

The ENGINEER, as of the date of the execution of this Agreement:

X has not been convicted of a felony during the past ten (10) years, nor does it, as of the  
Project No. E06-WASD-04  
Agreement No. 07MEED003  
07/27/2007

date of bid or proposal submission, have an officer, director or executive who has been convicted of a felony during the past ten (10) years.

\_\_\_\_\_ has been convicted of a felony during the past (10) years, or as of the date of bid or proposal submission, has an officer, director or executive who has convicted of a felony during the past ten (10) years.

#### **8. DELINQUENT OF CURRENTLY DUE FEES OR TAXES ORDINANCE NO. 95-178**

Except for small purchase orders and sole source contracts, convention and your is development taxes, all delinquent and currently due fees or taxes - including but not limited to real and property taxes, utility taxes and occupational licenses taxes - which are collected in the normal course by the Miami-Dade County Tax Collector as well as Miami-Dade County issued parking tickets for vehicles registered in the name of the ENGINEER been paid.

#### **9. DOMESTIC VIOLENCE LEAVE**

In compliance with Miami-Dade County Resolution Number 185-00, the ENGINEER certifies that its compliance with the Domestic Leave Ordinance No. 99-5; codified at 11A-60 et. Seq. of the Miami-Dade County Code, providing domestic violence leave to their employees. In addition, I understand that failure to meet the terms and conditions of the ordinance shall constitute a default of the subject contract and may be cause for suspension, termination and debarment, in accordance with the terms of the contract and the debarment procedures of the County.

#### **10. PAYMENTS TO COUNTY ARE NOT IN ARREARS ORDINANCE NO. 99-162**

In compliance with Miami-Dade County Ordinance Number 99-162, the ENGINEER is not in arrears on any payment under a contract, promissory note or other loan document with the COUNTY either directly or indirectly by which the ENGINEER has a controlling interest. In addition, I understand that failure to meet the terms and conditions of any obligation or repayment schedule shall constitute a default of the subject contract and may be cause for suspension, termination and debarment, in accordance with the terms of the contract and the debarment procedures of the County.

#### **11. CODE OF BUSINESS ETHICS AFFIDAVIT (ORDINANCE 01-96) [DADE COUNTY CODE SEC. 2-8.1(i)]**

The Engineer, as of the date of execution of this Agreement,

Has adopted a code of business ethics and will comply with all applicable governmental rules and regulations including, among others, the Miami-Dade County Conflict of Interest and Code of Ethics Ordinance and the Miami-Dade County False Claims Ordinance.

Failure to comply with the requirements of the above Ordinance as included in the contract  
Project No. E06-WASD-04  
Agreement No. 07MEED003  
07/27/2007

specifications shall render the contract voidable, and subject violators to debarment, in accordance with the terms of the contract and debarment procedures of Miami-Dade County, of those persons or entities who knowingly violate this policy or falsify information.

I have carefully read this entire seven page document, made a part of this Agreement as Exhibit "A" and certify that the information provided is true and accurate.

STATE OF FLORIDA       )  
                                      ) SS  
COUNTY OF DADE       )

Sworn to and subscribed before me at Miami-Dade County, Florida this 30 day of July, 2007, by Mark Blanchard on behalf of Metcalf & Eddy, Inc.

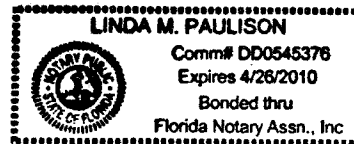
X Who is personally know to me  
\_\_\_\_ Who produced identification:

Type of Identification: \_\_\_\_\_

Linda M. Paulison  
Signature of Notary Public  
State of Florida at Large

\_\_\_\_\_  
Signature of Affidavit

Linda M. Paulison  
Print, type or stamp name of notary public  
Linda M. Paulison Notary Public  
Legal Name & Title



Metcalf Eddy, Inc  
Agreement No. 07MEED003

Estimated Contract Staff	TITLE	RATE**	Fringe Benefits (Health Care)
Alvarado, Luisa	ACCOUNTING CLERK	21.21	7.85
Austin, Paula	ACCOUNTING CLERK	28.29	10.47
Barnes, Sheldon	ENGINEER	29.21	10.81
Blanchard, Mark	BUSINESS UNIT MANAGER	84.14	31.13
Brandell, Ira	ENGINEER IV ELECTRICAL	45.20	16.72
Clunie, William	TECHNICAL MANAGER OP-CO	43.72	16.18
Cooper, Dick (Nathan)	TECHNICAL SPECIALIST	40.55	15.00
Cooper, Nick	PROJECT DIRECTOR WATER/WASTEWATER	68.58	25.37
Daly, Brian	CONSTRUCTION MANAGER II	50.39	18.64
Dorian, Joan	PROJECT SCIENTIST	36.31	13.43
Fiore, Ron	DEPARTMENT DISCIPLINE MANAGER..STRUCTURAL	60.97	22.56
Galligan, Chris	DEPARTMENT DISCIPLINE MANAGER..MECHANICAL	57.84	21.40
Ghosh, Bijoy	BUSINESS DEVELOPMENT - DIRECTOR	73.57	27.22
Gill, Sharon	ADMINISTRATIVE ASSISTANCE II	17.00	6.29
Harrington, Brian	PROJECT DIRECTOR WATER/WASTEWATER	69.71	25.79
Henry, Silvia	CONSTRUCTION MANAGER I	26.93	9.96
Hillman, Jeffrey	TECHNICAL SPECIALIST	41.99	15.54
Hilton, David		36.00	13.32
Hummel, Adelaide	ENGINEER	25.73	9.52
J. R. Richard	CONSTRUCTION MANAGER	47.75	17.67
Jaffer, Shamsh	CONSTRUCTION MANAGER.II.CONSTRUCTION MANAGEMENT	49.72	18.40
Kapalka, Alan	ENGINEER	49.76	18.41
Koenig, Bruce	BUSINESS UNIT MANAGER	71.29	26.38
Laquidara, Mark	TECHNICAL LEADER..OPCO	70.81	26.20
Lopez, Everette	ENGINEER	31.25	11.56
Martin, Isabel	PROJECT ENGINEER	35.54	13.15
Mastrogiacomo, Ron	DEPARTMENT DISCIPLINE MANAGER..CIVIL	57.11	21.13
Morejon, Yen	ENGINEER I	22.29	8.25
Moulton, Paul	TECHNICAL LEADER..OPCO	68.67	25.41
Mundy, Charles	PROGRAM MANAGER.I.WATER / WASTE WATER	54.10	20.02
Murray, Ed	RESIDENT ENGINEER	47.74	17.66
Mysore, Chandra	TECHNICAL LEADER..OPCO	64.11	23.72
Ozturk, Zuhai	ENGINEER I	25.49	9.43
Penkosky, Jim	PROJECT MANAGER	55.05	20.37
Peter Oram	TECHNICAL MANAGER	56.5	20.91
Pogodzensky, Rhonda	PROJECT MANAGER II	47.36	17.52
Pottinger, Jackie	RECEPTIONIST	14.77	5.46
Race, Robert	PROJECT MANAGER	45.94	17.00
Rendon, Patricia	ENGINEER	26.94	9.97
Sanchez, Marvin	ENGINEER	26.00	9.62
Smith, Angela	ACCOUNTING CLERK	16.77	6.20
Stillwell, Ted	ENGINEER IV ELECTRICAL	54.28	20.08
Stitt, Brian	PROJECT MANAGER	56.07	20.75
Thibault, Scott	PROJECT MANAGER II	52.94	19.59
Toro Alejandro	PROJECTS DIRECTOR	67.00	24.79
Vandeventer, Larry	PROJECTS DIRECTOR..WATER / WASTE WATER	86.54	32.02
Walker, Amy	DESIGNER	28.98	10.72
Ware, Ted	ENGINEER IV MECHANICAL	47.82	17.69
Ulkus, Rich	Construction Manager	62.48	23.12

\*\*Additional salary increases will take effect December 31, 2007

EQUAL EMPLOYMENT OPPORTUNITY  
2007 EMPLOYER INFORMATION REPORT EEO-1

HEADCOUNT 06/08/2007

JOB CATEGORIES	***** MALE *****					***** FEMALE *****				
	Total	White	Black	Hispanic	Asian	White	Black	Hispanic	Asian	
OFFICIALS AND MANAGERS ..... (1)	287	209	6	5	34	25	4	1	3	
PROFESSIONALS ..... (2)	417	205	23	8	57	83	12	7	22	
TECHNICIANS ..... (3)	103	50	7	4	22	9	2	2	7	
SALES WORKERS ..... (4)	0	0	0	0	0	0	0	0	0	
OFFICE AND CLERICAL ..... (5)	95	5	3	1	0	53	10	4	19	
CRAFT WORKERS (SKILLED) ..... (6)	5	0	0	1	4	0	0	0	0	
OPERATIVES (SEMI SKILLED) .... (7)	0	0	0	0	0	0	0	0	0	
LABORERS (UNSKILLED) ..... (8)	9	1	0	1	7	0	0	0	0	
SERVICE WORKERS ..... (9)	0	0	0	0	0	0	0	0	0	
TOTAL (10)	916	470	39	20	124	170	28	14	51	



# EXHIBIT B

## PROJECT NO. E06-WASD-04 TASK ORDER #01

June 26, 2007

### FEE PROPOSAL AND SCOPE OF SERVICES MIAMI-DADE COUNTY WATER AND SEWER DEPARTMENT

#### HIALEAH WATER TREATMENT PLANT SLUDGE MAINTENANCE PLAN FOR THE CLEANING OF SLUDGE DISPOSAL LINES FROM THE HIALEAH WTP

##### A. Background

Miami-Dade County (County) Water and Sewer Department (WASD) owns and operates a water treatment plant in the city of Hialeah. As part of the sludge disposal conveyance process, there are sludge disposal lines from the Hialeah WTP to the Northwest Wellfield (NWWF) and Miami Springs sludge disposal facilities.

The sludge conveyance pipelines are, according to the MDWASD, approximately 30 years old and made of cast iron. These pipelines are the sole conveyance mechanism and therefore it is important to ensure the reliability of the pipelines. Maintaining reliability means having an operations and maintenance plant that helps reduce sludge buildup in the pipeline.

Consequently the County has requested that Metcalf & Eddy (M&E) prepare a fee proposal for Phase 1 Engineering Services for the purpose of evaluating and designing a Sludge Maintenance Plan for the cleaning of sludge disposal lines from the Hialeah WTP to the Northwest Wellfield (NWWF) and Miami Springs sludge disposal facilities. Therefore the following services are anticipated for this first phase engineering proposal:

- Data Collection and Assessment
- Review of existing Standard Operating Procedures
- Design of investigating program
- Provide for a Sludge Maintenance Plan

##### B. Project Approach

Metcalf & Eddy's approach to the project is to provide for the most technically appropriate staging of the engineering services.

1. Evaluate existing data regarding the composition and variability of pumped slurries.
2. Review operating procedures currently in place.

3. Review frequency and seriousness of plugging incidents, line breaks, down time history.
4. Review pumping operation and efficiency of pumping configuration.
5. Review maintenance schedules for adequacy
6. Develop plan for evaluating and assessing the true condition of the slurry pipelines.
7. Identify weak areas of the system and develop recommendations for infrastructure improvements for redundancy and periodic inspections.
8. Establish SOP for pump maintenance and replacement, pigging, etc. Develop a plan for regular and preventive maintenance

## **C. Scope of Services**

### **1.0 Engineering Services**

#### **1.1 Task 1-Data Collection**

**Activities:** M&E will first obtain all available information from MDWASD necessary for the development of an effective sludge maintenance plan. This will include the following:

- Original pipeline design criteria and construction documents
- Sludge pumping system SOP's
- Sludge pumping records and pump system design data
- Sludge concentration data
- Locations of previous sludge force main repairs
- Pipeline flushing frequency and review of existing flushing SOP's
- Other available data pertaining to the sludge transfer system as may be on file

A formal request for required information will be prepared by M&E and forwarded to WASD in advance of the workshop kick-off meeting.

**Meetings:** M&E will conduct and facilitate a workshop kickoff meeting with WASD staff. During this meeting the project team will discuss operational practices and review available records. M&E will make a second site visit in order to collect additional data if available

**Deliverables.** A technical memorandum summarizing the results of this first task will be distributed, in draft and final form, to the WASD

#### **1.2 Task 2- Condition Assessment Report**

**Activities:** With the data from Task 1.1, M&E will develop a condition assessment report. The assessment will include;

- An opinion of the short term and long term reliability of the sludge force main.

- The influence that the current sludge pumping practices may have on the condition of the sludge force main
- Development and description of a pipeline assessment program. The assessment program will investigate the physical condition of the pipeline itself, and will include:
  - Investigation of pipeline external corrosion
  - Pipeline internal investigation
  - Soil assessment
  - Valves and Appurtenances assessment

Performance of the actual assessment program is not included as part of this proposal. This work can be conducted immediately at the conclusion of this task order.

**Meetings:** M&E will facilitate a workshop meeting with the WASD to receive review comments on the draft assessment report.

**Deliverables:** M&E will submit a draft assessment report to WASD for review. Following the review, the comments will be incorporated into a final report and submitted to WASD.

### 1.3 Task 3 - Sludge Maintenance Plan

**Activities.** The final task will be to develop a sludge maintenance plan in the form of a standard operating plan (SOP). This will include:

- Recommended methodology and frequency of sludge force main cleaning
- Methods of disposing pipeline sludge during cleaning
- Recommended means of maximizing system operability during cleaning program
- Recommended modifications to sludge pumping practices that may improve reliability of the sludge force main
- Implementation schedule
- Recommended ancillary pipeline infrastructure improvement plan
- Order of magnitude opinion of probable cost for long term operation of the system, based on 3 scenarios: assuming the pipeline is maintained (in accordance with the new sludge management plan), rehabilitated, or replaced

**Meetings:** A draft sludge maintenance plan will be submitted for WASD review. Following the review, M&E will schedule and facilitate a workshop meeting with the WASD to hear comments.

**Deliverables:** M&E will submit a draft sludge management plan to WASD for review. The comments will be incorporated into a final sludge maintenance plan and re-submitted to WASD.

#### 1.4 List of Deliverables

M&E will provide the following deliverables:

- Three copies of a draft and final technical memorandum summarizing findings of information gathering
- Three copies of a draft and final technical memorandum summarizing the existing system review and evaluation with recommendations for the pipe assessment program
- Three copies of the draft and final sludge maintenance plan

#### **Project Team**

The project team will be led by Mr. Alejandro Toro, P.E. who will act as principal-in-charge. M&E's project manager will be Mr. Jim Penkosky, P.E. For this phase the use of subcontractors is not anticipated.

#### **D. Basic Assumptions**

1. The County will provide the existing SOP to M&E
2. No field testing of the pipeline will be conducted under this task order
3. No field topographic surveys along the pipeline routes will be conducted under this task order
4. Compensation for engineering work in this proposal will be based on a lump sum method of payment. This estimate is based on an overall project budget level of effort for the fees proposed.

#### **E. Obligations of the County**

1. The County shall provide M&E in a timely manner, all requested and available record data and information related to the project as necessary for the performance of the services specified herein.

### **F. Compensation**

M&E proposes to perform the tasks outlined above for a lump sum amount of \$78,158 for the total project. The individual task level fees are for budgetary purposes only. A cost estimate presenting a breakdown of fees and hours per task is included as **Attachment D**.

The fees are summarized below:

<b>Task Designation</b>	<b>ODCs</b>	<b>Total Fee</b>
1.1 Data Collection		\$14,194
1.2 Existing System Review and Evaluation		\$24,053
1.3 Sludge Maintenance Plan		\$34,184
<b>Totals</b>	<b>\$5,727</b>	<b>\$78,158</b>

### **G. Project Schedule**

The following project schedule has been developed:

<b><u>Schedule Task</u></b>	<b><u>Time Elapsed to Task Completion</u></b>
Notice to Proceed	0 weeks
Task 1 – Engineering Services	
1.1 Data Collection	3 weeks
1.2 Existing System Review/ Evaluation	6 weeks
1.3 Sludge Maintenance Plan	8 weeks

**ATTACHMENT D**

**COST ESTIMATE**

ATTACHMENT D - Sample Proposal for Engineering Services Labor Expenses	Position	Name & (Company)	Labor Multiplier	Hourly Rate	Task 1.1	Task 1.2	Task 1.3	N/A	N/A	N/A	N/A	Total Labor (Sum 3-6) Hours	Raw Costs (7 X 2) \$	Multiplied Costs (1 X 6) \$
	Principal		1.00	125.00	4	\$500.00	4	\$500.00				10	1,250	1,250
	Technical Leader/Program Manager		1.00	\$212.81	8	\$1,702.50	16	\$3,405.00				36	7,661	7,661
	Sr Project Manager III		1.00	\$187.56		\$0.00		\$0.00				0	0	0
	Proj Manager II or Proj Manager I or Engineer IV		1.00	\$185.92	48	\$7,954.30	120	\$19,910.75				264	43,804	43,804
	Sr Proj Engineer II or Scientist I or Sr Tech Spec - Eng IV		1.00	\$134.01		\$0.00		\$0.00				0	0	0
	Engineer III or Proj Engineer I or Tech Specialist		1.00	\$107.80		\$0.00	12	\$1,293.59				24	2,587	2,587
	Engineer III or Tech Specialist - Engineering III or Scientist III		1.00	\$99.32	32	\$3,178.19	36	\$3,575.47				84	8,343	8,343
	Scientist II or Scientist I		1.00	\$82.73		\$0.00		\$0.00				0	0	0
	Sr Construction Manager III or Sr Inspector III or Estimator IV		1.00	\$141.72		\$0.00	16	\$2,287.52				16	2,288	2,288
	Construction Manager II or Lead Resident Engineer III		1.00	\$134.01		\$0.00		\$0.00				0	0	0
	Construction Manager I		1.00	\$107.80		\$0.00		\$0.00				0	0	0
	Resident Engineer II or Resident Engineer I		1.00	\$99.32		\$0.00		\$0.00				0	0	0
	Inspector II or Inspector I		1.00	\$89.92		\$0.00		\$0.00				0	0	0
	Sr Technical Specialist - Field I/III		1.00	\$70.35		\$0.00		\$0.00				0	0	0
	Technical Specialist - Field III		1.00	\$62.81		\$0.00		\$0.00				0	0	0
	Sr Designer IV		1.00	\$134.01		\$0.00		\$0.00				0	0	0
	Designer II		1.00	\$99.32		\$0.00	24	\$2,383.65				40	3,973	3,973
	Designer II or Graphic Artist III		1.00	\$86.92		\$0.00		\$0.00				0	0	0
	Sr CAD/Drafter III or Graphic Artist II		1.00	\$82.73		\$0.00		\$0.00				0	0	0
	CADD Drafter III		1.00	\$71.77		\$0.00		\$0.00				0	0	0
	Sr Admin Assistant III		1.00	\$89.92		\$0.00		\$0.00				0	0	0
	Accounting Clerk II		1.00	\$71.77	6	\$430.64	6	\$430.64				18	1,292	1,292
	Accounting Clerk I		1.00	\$57.07		\$0.00		\$0.00				0	0	0
	Clerk II or Clerk I		1.00	\$52.24	8	\$417.95	8	\$417.95				24	1,254	1,254
	Subconsultants											0	0	0
	Sub-totals		106	\$14,193.36	168	\$24,052.72	242	\$34,184.56	0	\$0.00	0	516	72,431	72,431

## Summary of Direct Expenses

Units	No. of	\$/Unit	Total
Air Travel	5	Coach class - from to	\$2,250
Lodging (by days)	15	See Attached "Maximum Daily Lodging Rates"	\$2,070
Car Rental (by days)	15	\$35.00/day	\$525
Gas (for rental cars only)	100	\$1.25/gallon	\$125
Food			
Breakfast	13	\$3.00 (when travel begins before 6 a.m. and extends beyond 8 a.m.)	\$39
Lunch	13	\$6.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	\$78
Dinner	13	\$16.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	\$208
Mileage	500	\$0.475/mile (for use of personal vehicle)	237.50
		Subtotal Direct Expense \$	5,532.50
		Labor, Direct Expense and LG \$	78,159.26

Notes 1:- For invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

**Notes 2:-** For invoices where Permit Fees are billed, receipts must be submitted.

Total of Labor, Direct Expenses, Reimbursable Expenses and L.G. \$	78,158.26
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